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Sprint Meeting Minutes

Sprint 1

20190122 : Sprint 1 Planning Meeting Minutes

20190122 : Sprint 1 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:45 A.M.

End time: 9:45 A.M.

After discussion, the velocity of the team were estimated to be 50 hours.

(NOTE: Upon meeting in Sprint 0, it was concluded that we the team members, were allowed to select the issues for this sprint).

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- User Story  **~~SNAK-55~~** - Dietary Restrictions/Allergies DONE
- User Story  **~~SNAK-68~~** - Develop UI for the Scoreboard TO DO
- User Story  **~~SNAK-18~~** - Reminder notifications DONE
- User Story  **~~SNAK-75~~** - Fix message on consume snack page TO DO
- User Story  **~~SNAK-57~~** - List of restrictions DONE
- User Story  **~~SNAK-76~~** - Google/Facebook authentication DONE
- User Story  **~~SNAK-65~~** - User Account information DONE
- User Story  **~~SNAK-67~~** - Welcome Screen DONE

The team members indicated their willingness to work on the following user stories.

- Darien Morrison
 - User Story  **~~SNAK-55~~** - Dietary Restrictions/Allergies DONE
 - User Story  **~~SNAK-68~~** - Develop UI for the Scoreboard TO DO
 - User Story  **~~SNAK-18~~** - Reminder notifications DONE
 - User Story  **~~SNAK-75~~** - Fix message on consume snack page TO DO
 - User Story  **~~SNAK-57~~** - List of restrictions DONE
- Elias Garcia
 - User Story  **~~SNAK-76~~** - Google/Facebook authentication DONE
 - User Story  **~~SNAK-65~~** - User Account information DONE

- User Story  **SNACK-67** - Welcome Screen DONE

20190123 - Daily Scrum Meeting Minutes

20190123 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M.

End time: 9:15 A.M.

@Elias Garcia:

- What was done since the last scrum meeting?
 - Completed the setup of branches for the backend and frontend for the features I will be implementing throughout Sprint 1.
- What is planned to be done until the next scrum meeting?
 - I will be developing the welcome screen that will be placed immediately after a user logs in but before the user dashboard appears.
- What are the hurdles?
 - None at the moment.

@Darien Morrison:

- What was done since the last scrum meeting?
 - Since the Sprint Planning Meeting, I've set up my darien-dev repositories in both the Snackability-Frontend and Snackability-Backend repositories. We'll each be working on our dev branches, pushing to them, then merging with master branch. At the end of each Sprint, we'll merge the master branch, which will have both of our changes, with the production branch, and re publish. In addition to setting up the repositories, I've installed all the packages with npm install on both the front and back end, created my environment.js file, which sets up my back end url. I've also upgraded the project to Expo SDK v32.0.0 to avoid the SDK version error Dr. Palacios ran into before the start of the first sprint, and fixed an error related to react-native-scripts, so the project now runs using expo start instead. I also got the back end all set up and ready for localhost development, and ignored dbConfig.js in version control, since my connection parameters differ. I've also resolved an error with how the packages were installed, which prevented me from developing new features, or running the app at all.
- What is planned to be done until the next scrum meeting?
 - I will begin development of the dietary restrictions/allergies section in the Settings.
- What are the hurdles?
 - Hurdles have been resolved.

20190124 - Daily Scrum Meeting Minutes

20190124 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:55AM

End time: 9:10AM

Elias Garcia:

- What was done since the last scrum meeting?
 - Completed the welcome screen which is shown as soon as a user logs in successfully and right before showing the user dashboard.
- What is planned to be done until the next scrum meeting?
 - Add facebook/google log in options for user who prefer to log in with those applications instead of email/password.
- What are the hurdles?
 - Documentation as of now shows the need to configure native code which is removed when using Expo. I will need to find a way to add this feature while still using Expo.

Darien Morrison:

- What was done since the last scrum meeting?

- Finished the Dietary Restrictions page. It lists 8 common dietary restrictions, and 3 things people commonly cut out of their diet. Currently it is static, and doesn't connect to any preferences stored anywhere, nor does the button do anything yet. It is accessed from a new FlatList item on the Settings page titled Dietary Restrictions. Also read Firebase documentation on storing data in the Realtime Database, so we can store user preferences under user/user.uid/restrictions.
- What is planned to be done until the next scrum meeting?
 - Set up restrictions in the Firebase RT DB, and connect the preferences chosen on DietRestrictions.js to the user in the DB.
- What are the hurdles?
 - No major hurdles at the moment.

20190125 - Daily Scrum Meeting Minutes

20190125- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:58

End time: 9:10

Elias Garcia:

- What was done since the last scrum meeting?
 - Acquired documentation needed to implement facebook/google authentication while maintaining that login information within firebase and having application still run in Expo (this implies I'd no longer need to access native android or iOS code to implement this feature).
- What is planned to be done until the next scrum meeting?
 - Implement this facebook/google authentication completely.
- What are the hurdles?
 - I need access to firebase which is currently unavailable to me due to 2-step verification process.

Darien Morrison:

- What was done since the last scrum meeting?
 - Finished connecting the dietary restrictions preferences to firebase. Each dietRestrictions key is at the same level as the snack key for a given user. Also read documentation on push notifications in Expo.
- What is planned to be done until the next scrum meeting?
 - Implementing push notifications and setting them to go off daily, with a reminder to use the app. Also starting to write the functions for adjusting the score based on dietary restriction violations.
- What are the hurdles?
 - The scoring algorithm is lengthy and will take a lot of time to read and understand before integrating the dietary restrictions.

20190128 - Daily Scrum Meeting Minutes

20190128 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M

End time: 9:15 A.M.

Elias Garcia:

- What was done since the last scrum meeting?
 - I created the facebook and google buttons which will be rendered on the login screen when a user first opens the application
- What is planned to be done until the next scrum meeting?
 - The plan is to fully integrate the facebook/google authentication feature so that new users can signup/login without the need to fill out a email/password field.
- What are the hurdles?
 - The main hurdle involves adding this feature with redux and redux-thunk in mind. These libraries currently take control of the application state and asynchronous events (perfect example of this is the conventional sign in method that's the only available method for user authentication for this application) and I need to integrate these features in the same method because user login success/failure is managed through the use of these libraries. I am going to look more into them and their implementation.

Darien Morrison:

- What was done since the last scrum meeting?
 - I added dietRestrictions settings to AsyncStorage. The user's settings are loaded from there instead of firebase for faster retrieval and rendering of existing settings to the user. It also prevents loss of settings in case firebase is down or vice versa (the

phone's storage could become full or deleted, or the user could get a new phone). We have their settings saved in two places, and they update both upon pressing update restrictions. I've also added a `registerForPushNotifications` function that will register a push token with the Expo Server for daily notifications, and added `CronJob.js`, which will execute any function at a regular interval.

- What is planned to be done until the next scrum meeting?
 - Figure out how to adjust score based on `dietRestrictions`, and implement push notifications.
- What are the hurdles?
 - I'm not sure where to call the `CronJob.js` code which will execute any given function daily. It's a bit paradoxical... If I place the code in the front end, it would require something to happen in the front end, but the entire purpose is to have it remind the user to open the app (activate the frontend). Conversely, if I place this code in the backend, it will run every time I start the backend dev server, which is not what we want either. It should run once, which indicates it may need to go directly from dev into production, since the production backend server is always running. Additionally, dietary restrictions may be a much larger task than previously thought, since after inspecting the database in detail, it is obvious that the entire list of ingredients for a given snack is not stored. Only the first ingredient is, which prevents me from adjusting a score based on a snack's ingredients violating a dietary restriction.

20190129 - Daily Scrum Meeting Minutes

20190129- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05

End time: 9:15

Elias Garcia:

- What was done since the last scrum meeting?
 - I attempted to implement a version of facebook/google authentication that does not use `redux/redux-thunk` and spent the day getting a solid understanding of the `redux` library
- What is planned to be done until the next scrum meeting?
 - I plan to add this authentication feature but this time using `redux` and `redux-thunk` in order to keep the flow of the application logic consistent with the rest of the app.
- What are the hurdles?
 - The hurdle still involves making sure I can integrate this feature within the constraints of the app's architecture, where in a simple application I could just integrate using google's and facebook's SDK, this app's complexity involves having to integrate this same feature while maintaining compatibility with expo, firebase, and `redux`.

Darien Morrison:

- What was done since the last scrum meeting?
 - I parsed the large `Products.csv` file to convert it to `.json`, so that I can easily iterate over the products, and extract the full list of ingredients for every product that exists in `snackability_2.snack`
- What is planned to be done until the next scrum meeting?
 - I plan to extract the ingredient information and insert it into our `snackability_2.snack` table so that I can check if a given product contains one or more of the dietary restrictions the user has saved. If possible, I'd also like to adjust the scoring algorithm based on this, and if time permits finish this user story and submit a video with full documentation.
- What are the hurdles?
 - None at the moment.

20190130 - Daily Scrum Meeting Minutes

20190130- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05

End time: 9:20

Elias Garcia:

- What was done since the last scrum meeting?
 - I successfully integrated the Facebook login feature assuring it's compatible with the application's architecture (expo, `redux/redux-thunk`, and firebase).
- What is planned to be done until the next scrum meeting?

- Since the app that was needed to be created in Facebook is currently in development mode, the log in feature only allows test accounts to sign in. I plan to obtain the permissions necessary from Facebook to deploy the application and allow public users to sign up. I also plan to integrate Google authentication in a similar fashion.
- What are the hurdles?
 - The only hurdle for the moment involves obtaining the permissions necessary to allow other users to sign in with Facebook. Once acquired, and with a bit of styling for the buttons rendered, the feature will finally be completed.

Darien Morrison:

- What was done since the last scrum meeting?
 - I spoke with Shafeeque Khan from the last snackability team, and he informed me that there was indeed a way to access the full list of ingredients per snack, however upon inspecting the code it seems this can only be done for snacks that come from the USDA database, as they have the full list of ingredients per snack, and snackability snacks (snacks whose data was collected from snacks on FIU campus and with Dr. Palacios) do not have the full list of ingredients. I was able to track exactly where to get the full list of ingredients per snack, and have laid out a plan for grabbing that data and adjusting the scoringAlgorithm.js file based on the user's dietRestrictions preferences.
- What is planned to be done until the next scrum meeting?
 - Pass the user restrictions from the front end to the back end through a link of method calls, so that I may access the restrictions in the scoringAlgorithm.js file, since I can't access firebase from the back end (due to node-pre-gyp errors), and accessing AsyncStorage from the back end would require installing react-native on the back end, which is not good design. Front end things should stay on the front end, and we certainly don't want our back end loading each user's dietRestrictions. Once I've passed the data to scoringAlgorithm, I'll write the functions that actually adjust the score based on those restrictions, then make a document and video for the feature for submission to Dr. Palacios.
- What are the hurdles?
 - Getting rid of the node-pre-gyp errors, which are apparently only a problem on Windows. This is preventing me from installing new packages.

20190131 - Daily Scrum Meeting Minutes

20190131- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05

End time: 9:15

Elias Garcia:

- What was done since the last scrum meeting?
 - Implemented the google sign in feature which allows users the alternate to sign in with google (besides email/password and facebook authentication).
- What is planned to be done until the next scrum meeting?
 - Finish styling the buttons and loading indicators for the sign in features so that they are displayed properly when users sign in. Also, I'm still working on getting the proper permissions from facebook to allow public use of its sign in feature.
- What are the hurdles?
 - None at the moment.

Darien Morrison:

- What was done since the last scrum meeting?
 - I finished implementing the dietary restrictions, and tested it. It's working as expected, and I've tested single restrictions as well as multiple restrictions.
- What is planned to be done until the next scrum meeting?
 - Finish the documentation and video for SNAK-55.
- What are the hurdles?
 - None at the moment.

20190201 Daily Scrum Meeting Minutes

yyyyymmdd - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05

End time: 9:17

Elias Garcia:

- What was done since the last scrum meeting?
 - Styled the Facebook and Google sign in buttons to be properly displayed at the login screen.
- What is planned to be done until the next scrum meeting?
 - As of now the loading spinners for all buttons display simultaneously when a user logs in (through any method). I plan to fix this in such a way that the loading spinner only displays in the relevant sign in button that was clicked.
- What are the hurdles?
 - None at the moment.

Darien Morrison:

- What was done since the last scrum meeting?
 - Finished documentation and video for SNAK-55.
- What is planned to be done until the next scrum meeting?
 - Implement Daily Reminder Notifications
- What are the hurdles?
 - None at the moment.

20190204 - Sprint 1 Retrospective Meeting Minutes

20190204 Sprint #1 Retrospective Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:58

End time: 10:02

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Not quite, some of our user stories had to go back into the back log
- Did we do a good job estimating the points (time required) for each user story?
 - We did okay, some of them took the estimated amount of time, while others took much longer than expected. This seemed to be due to our lack of familiarity with the previous team's set up. After initially looking through the code, Darien did not see that the full list of ingredients per snack was available for USDA snacks, and attempted to create a list of all the snack names from the snackability database and find their full list of ingredients by parsing the USDA .csv file, converting it to .json, and then filling in the full list of ingredients by manipulating the json objects, however upon speaking with Shafeeqe Khan, he was pointed to the right file, where he could access the full list of ingredients per USDA snack.
 - Elias took a little more time than expected on the authentication
- Did each team member work as scheduled?
 - Yes, we both put some extra hours in as well.

What went right?

- We successfully implemented new ways of logging in that will make it much easier for users to sign up, which is a huge UX consideration (the 3 tap rule). We also implemented a feature that takes people's allergies into account, which is a nicer experience for people who have allergies and intolerance to certain ingredients.

How to address the issues in the next sprint?

- How to improve the process?
 - Keep more open communication with the past team members and Dr. Palacios.
 - Deepen knowledge of redux and the way the last team handled app state and routing.
- How to improve the product?
 - We're going to be making some UI improvements as well as improvements to the gamification component of the app.

20190204 - Sprint 1 Review Meeting Minutes

20190201 - Sprint 1 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 am

End time: 9:57 am

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners: All.

- User Story  **SNAK-55** - Dietary Restrictions/Allergies DONE
- User Story  **SNAK-67** - Welcome Screen DONE
- User Story  **SNAK-76** - Google/Facebook authentication DONE

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

- User Story  **SNAK-68** - Develop UI for the Scoreboard TO DO
This user story could not be completed during this sprint and will be done in the next sprint.
- User Story  **SNAK-18** - Reminder notifications DONE

This user story could not be completed during this sprint and will be done in the next sprint

- User Story  **SNAK-75** - Fix message on consume snack page TO DO
This user story has been moved to a future sprint.
- User Story  **SNAK-65** - User Account information DONE
This user story has been moved to the next sprint since we'll be working on enhancing the UI of the home page first.

Sprint 2

20190204 : Sprint 2 Planning Meeting Minutes

20190204 : Sprint 2 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 10:03am

End time: 11:00am

After discussion, the velocity of the team were estimated to be: 56

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

-  **SNAK-18** - Reminder notifications DONE
-  **SNAK-40** - UI enhancement of consumed history for home page DONE
-  **SNAK-12** - Search with bar code scanning DONE
-  **SNAK-68** - Develop UI for the Scoreboard TO DO
-  **SNAK-60** - Create Snack Achievements DONE
-  **SNAK-61** - Create badges for the achievements DONE

- ☒ **SNAK-65** - User Account information DONE

The team members indicated their willingness to work on the following user stories.

- Elias Garcia
 - ☒ **SNAK-12** - Search with bar code scanning DONE
 - ☒ **SNAK-40** - UI enhancement of consumed history for home page DONE
- Darien Morrison
 - ☒ **SNAK-68** - Develop UI for the Scoreboard TO DO
 - ☒ **SNAK-18** - Reminder notifications DONE
 - ☒ **SNAK-60** - Create Snack Achievements DONE

20190205 - Daily Scrum Meeting Minutes

20190205 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:01

End time: 9:09

Elias Garcia :

- What was done since the last scrum meeting?
 - Sprint 1 retrospective, review and planning and attempting to solve version control changes.
- What is planned to be done until the next scrum meeting?
 - start implementing qr code scanning feature
- What are the hurdles?
 - Properly making changes to the front end repository

Darien Q Morrison :

- What was done since the last scrum meeting?
 - We had Sprint Retrospective, Review and Planning yesterday. Afterward, I tried to help Elias merge his Google/Facebook Authentication changes to master branch.
- What is planned to be done until the next scrum meeting?
 - Continue working on Daily Reminder notifications
- What are the hurdles?
 - I'm unable to merge with master branch at the moment

20190206 - Daily Scrum Meeting Minutes

20190206 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 am

End time: 9:17 am

Elias Garcia :

- What was done since the last scrum meeting?
 - Gathered resources necessary to implement scanning feature
- What is planned to be done until the next scrum meeting?
 - I plan to start implementing the components necessary to render the food scanner without connection to data for now
- What are the hurdles?
 - Like the facebook/google authentication feature, there might be some constraints I will need to satisfy to implement this properly. I will need to make sure this implementation works with redux and expo

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I needed to add the package 'expo-server-sdk' to the Frontend in order to implement push notifications, but I was not able to do so due to the long list of errors from the 'node-pre-gyp' package. Nothing was mentioned in the installation video from the last team about the cause of these errors or the solution to them, and I was told by a member to simply ignore them. Unfortunately, they were preventing me from adding packages so I went ahead and dedicated the entire day yesterday to fixing the errors, which I was able to do. It seems the last team assumed that any developer who picked up their project after them would have a C++ compiler installed and that the compiler would be detected by the project, however that was not the case. I was able to solve by running 'npm install --global --production windows-build-tools', which installs Python 2.7 (a dependency of this project that I don't believe was mentioned either) and MS Visual Studio C++ Build Tools.
- What is planned to be done until the next scrum meeting?
 - Work on Push Notifications, test out some dummy notifications
- What are the hurdles?
 - None at the moment. Although I'm unable to merge with master I can keep my work local until Eli figures out the repo issues

20190207 - Daily Scrum Meeting Minutes

20190207- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00

End time: 9:12

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to create the UI that will allow a user to scan a snack item.
- What is planned to be done until the next scrum meeting?
 - I plan to read up on ways to get the upc barcode from a snack and obtain the name of the snack, I intend to use the name of the snack by comparing it to the names of snacks in our database and automatically take the user to the snack calculator if the names match.
- What are the hurdles?
 - None at the moment.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - After removing the errors I noticed anytime I do anything npm related, npm warns about 3 vulnerabilities. One is low priority, one is medium and another is high. I spent the day looking for a way to resolve them but no luck so far.
- What is planned to be done until the next scrum meeting?
 - I'm going to ignore the vulnerabilities for now since they don't impede on my progress and continue working on daily reminder notifications.
- What are the hurdles?
 - None at the moment

20190208 - Daily Scrum Meeting Minutes

20190208 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:57 A.M.

End time: 9:14 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I made a couple small changes in the header and buttons in the navigation section changing them back to blue (was previously green) I was also researching ways to implement the functionality of the scanning feature.
- What is planned to be done until the next scrum meeting?
 - I plan keep finding some UPC databases which maintain information about products scanned (in my case I would need just need the name of the product) and I also plan to look up resources and tutorials in backend development since it would be my first time diving into this aspect of software development.
- What are the hurdles?
 - The hurdles I've seen so far is that the companies hosting these UPC databases have some sort of charge involved in using them. I will attempt to find a free one for now (just for testing) or similarly, I will see if these companies have a free trial version of the DB.

@<Enter Team Member 2's Name>:

- What was done since the last scrum meeting?
 - I had some issues running the front end, eventually I discovered it was due to having node version 10.15.1 in package.json but having node v8.15.0 installed. After that I tested some Expo push notifications using Expo's browser tool and created PushToken.js, which takes the supplied Node.js functions for actually sending push notifications and places the appropriate code into functions that I am exporting to use in other files.
- What is planned to be done until the next scrum meeting?
 - Test the push notifications
- What are the hurdles?
 - None at the moment

20190211 - Daily Scrum Meeting Minutes

20190211 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:58 A.M

End time: 9:10 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to look up several resources on backend development and built small toy applications using the methods that will help me build the back-end for barcode scanning.
- What is planned to be done until the next scrum meeting?
 - While I finish learning these skills, I'm going to work on my other user story which involves solely front end development. I will be enhancing the graph in the history page UI.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I manually added the code that was overwritten when Elias did his merge and deleted my changes then marked as resolved. This fixed our issue, and the master branch ended up with both of our changes, however I was unable to run the front end, and ended up spending the day debugging. After talking with Elias we found out it was due to our package manager, and he was able to fix the issue by deleting the node_modules directory, deleting the package-lock.json file, adding the yarn lockfile from the previous team, and installing fresh node_modules using yarn install instead. We're going to stick with yarn for our package manager, as npm seems to have issues keeping track of which version dependencies we use
- What is planned to be done until the next scrum meeting?
 - Attempt the same fix that worked for Elias, and if all goes well, continue testing of push notifications
- What are the hurdles?
 - The bug mentioned above, other than that nothing right now.

20190212 - Daily Scrum Meeting Minutes

20190212- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00AM

End time: 9:10AM

Elias Garcia :

- What was done since the last scrum meeting?
 - I started investigating ways to implement victory-native into our project . Victory native is a popular library for charts/graphs used within the react-native community and will give the current graph a more professional, aesthetic look.
- What is planned to be done until the next scrum meeting?
 - I plan to find a work around to make sure victory-native is compatible with the architecture we are using. Once I find this then I will be able to implement this properly without any issues.
- What are the hurdles?
 - The main hurdle here is that many sources I've read mention having to detach the application from expo. Since this is not desirable at the moment, I need to find a way to use this library without having to change the way the app was originally built. I did find one particular resource that mentioned the implementation of victory-native without detachment and that's what I will be mainly focusing on.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I was able to resolve the errors from previous days by following the same steps as Elias. After that I tried testing push notifications, but haven't been successful as far as scheduling them using CronJob.js.
- What is planned to be done until the next scrum meeting?
 - Get a successful test, with CronJob working, which will complete the feature.
- What are the hurdles?
 - I'm not sure how CronJobs work, or where to put that code since it runs in the background, when the app may not even be running.

20190213 - Daily Scrum Meeting Minutes

20190213 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:59 A.M.

End time: 9:13 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I managed to successfully implement victory-native into our project and created a new graph for the UI. Following the steps I found online, I was able to add this library into our project while still using expo (and without the need to detach).
- What is planned to be done until the next scrum meeting?
 - Since I was able to add this library, I can now take advantage of its guides and features so that I can enhance the graph and make it look better than before.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I have been debugging some issues that popped up due to babel. Import statements suddenly stopped being recognized after yarn installing the backend. I migrated all the push notification code to the backend as well, since it will not run on the front end (expo-server-sdk was complaining at compile time about certain libraries from react native).
- What is planned to be done until the next scrum meeting?
 - Fix the bug and test my feature
- What are the hurdles?
 - See above

20190214 - Daily Scrum Meeting Minutes

20190214- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:55 A.M.

End time: 9:09 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to add a couple of features to the graph and change the UI for the home page of the app. This include header color changes, background adjustments and graph replacement
- What is planned to be done until the next scrum meeting?
 - I plan to add some more functionality to the graph which includes a small legend displaying different colors for certain range of averages , a tooltip on each bar which will display the amount of actual points earned for each bar, and a panning functionality which will allow the user to scroll horizontally to previous dates.
- What are the hurdles?
 - The legend I implemented yesterday looks completely out of place and size on the app so I need to fix/remove that before starting on the other functionalities

Darien Q Morrison :

- What was done since the last scrum meeting?

- Still debugging issues with my feature. I ended up wiping the repo (Deleting) and re cloning to start over. I had manually changed some things in the lockfile because of some inconsistencies but that led to a slew of other dependency issues, so I decided to start over.
- What is planned to be done until the next scrum meeting?
 - Get the code for push notifications working
- What are the hurdles?
 - see above

20190215 - Daily Scrum Meeting Minutes

20190215- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05

End time: 9:17

Elias Garcia :

- What was done since the last scrum meeting?
 - I managed to add some extra functionality to the homepage UI which mostly involves adding a color-coded legend, panning function of the graph to scroll horizontally and see previous averages. and having the bars dynamically change color when they are within a certain range of averages
- What is planned to be done until the next scrum meeting?
 - I plan to go back to the barcode scanning user story and make it work with the backend. Additionally, I want to make some minor changes to its appearance to make it fit nicely with the theme of the app.
- What are the hurdles?
 - None at the moment.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I restructured the code for push notifications. Instead of using the previous team's approach with axios, I used what I know works for me, which is fetch. Fetch is the recommended way of performing network calls in React Native, per their documentation. I added the settings FlatList item for enabling/disabling the notifications, which makes a fetch POST route call to https://BACKEND_URL:4000/toggleNotifications. I pass along the true/false flag to the backend, namely, app.js, where the route is handled and a cron job is either started or stopped depending on the flag. Currently, the cronjob runs once every minute from 9-5, for testing purposes, and only displays a console statement.
- What is planned to be done until the next scrum meeting?
 - Instead of displaying a console statement, send a push notification using the user's token.
- What are the hurdles?
 - I need a way to differentiate Cron jobs for different users. Currently, if one user enables, and another disables, they affect the same cron job. I'll likely have to create a wrapper function that also takes the user's push token or user id, and start/stop cron jobs for that user only.

Sprint 2 Retrospective Meeting Minutes

Sprint 2 Retrospective Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:15 A.M.

End time: 9:00 A.M.

What went wrong?

- Did we do a good job estimating our team's velocity?
 - Yes, we were able to dedicated the amount of hours stated in the sprint.
- Did we do a good job estimating the points (time required) for each user story?
 - No, [Darien Q Morrison](#) took much longer to do push notifications, but this was due to dependency issues and node-pre-gyp errors.
 - Although I completed the UI, and the front end for the bar code scanner, I could not connect the bar code scanner to the back-end in time.
- Did each team member work as scheduled?
 - Yes

What went right?

- [Darien Q Morrison](#) was able to clear the node-pre-gyp and dependency issues by using yarn, something that was not mentioned to us, as well as manually fix the merge issue that deleted his changes, and nearly finished the push notifications.
- [Elias Garcia](#) was able to reconstruct the homepage UI to have a more aesthetic and comprehensive look. Additionally, the front-end to the bar code scanner was successfully built without interfering with the other elements of the search page.

How to address the issues in the next sprint?

- How to improve the process?
[Elias Garcia](#) : Prioritize the user stories more properly in terms of feasibility. In my case, I ended up having to switch from working on the bar code scanning, to working on the enhancement of the UI. This required me to switch my focus entirely from one story to another. By focusing on the more feasible user stories first, I can complete them and then dedicate my time to the other stories.
- How to improve the product?
 - Begin working on the gamification component (this includes breaking down the gamification feature into their proper components and built user stories for them) and upgrade all the packages to newer versions to avoid potential versioning issues.

Sprint 2 Review Meeting Minutes

Sprint 2 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:10 A.M.

End time: 10:00 A.M.

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners: All.

- User Story ☒ ~~SNAK-40~~ - UI enhancement of consumed history for home page DONE

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

- ☐ ~~SNAK-60~~ - Create Snack Achievements DONE
- ☒ ~~SNAK-65~~ - User Account information DONE
- ☒ ~~SNAK-68~~ - Develop UI for the Scoreboard TO DO
- ☐ ~~SNAK-18~~ - Reminder notifications DONE
- ☐ ~~SNAK-12~~ - Search with bar code scanning DONE

Sprint 3

20190219 - Daily Scrum Meeting Minutes

20190219 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M

End time: 9:10 A.M.

[Elias Garcia](#) :

- What was done since the last scrum meeting?
Sprint 2 review and retrospective and planning for this coming sprint
- What is planned to be done until the next scrum meeting?
Assure, the changes I've made so far get pushed and merge to our master branch which will be pushed to production later this week
- What are the hurdles?
None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Unfortunately I've come down with a 103 degree fever, I'm going to the doctor today.
- What is planned to be done until the next scrum meeting?
 - Hopefully I'll feel better tomorrow so I can finish push notifications
- What are the hurdles?
 - I'm quite ill

20190220 - Daily Scrum Meeting Minutes

20190220 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05 A.M.

End time: 9:19 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I dove into the back-end of the app to trace some issues involving fetching for snacks (local snacks were not able to calculate a score even though USDA snacks were able to just fine).
- What is planned to be done until the next scrum meeting?
 - I plan to add my recent changes that I worked on locally to the remote master branch. This mainly includes the user story I developed in the last sprint.
- What are the hurdles?
 - None at the moment.

@<Enter Team Member 2's Name>:

- What was done since the last scrum meeting?
•
- What is planned to be done until the next scrum meeting?
•
- What are the hurdles?
•

20190221 - Daily Scrum Meeting Minutes

yyyyymmdd - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: <Enter the start time of the meeting>

End time: <Enter the end time of the meeting>

Elias Garcia :

- What was done since the last scrum meeting?
 - Before pushing my work to the master branch, I found out the UI enhancements I made for HistoryPage.js crashed for iOS, this is due to the way iOS renders SVG elements which is ultimately what victory-native is built on (victory-native is the library used to build the bar chart and legend). I found a work around by implementing the previous library (PureChart) that was initially used, but enhanced it in such a way that it looks similar to the bar chart I intended to create. On a good note, the previous library (PureChart) performs panning extremely well compared to victory-native and it comes with a built-in tooltip that allows users to touch the bars and view the exact score. The drawback now is that I can't color code the bars individually (it is an open issue on PureChart but not currently supported)
- What is planned to be done until the next scrum meeting?
 - The plan for today is to find a way to dynamically color code the bars using PureChart (this means I might have to add PureChart as a folder in our repository instead of adding it as a node module and directly editing PureChart to support this feature) and to keep enhancing the look of this new chart.

- What are the hurdles?
 - Being that the PureChart isn't as heavily documented as victory-native, I will have to work a bit more on making sure the graph looks as good as the previous one. This might take a bit more research than usual.

@<Enter Team Member 2's Name>:

- What was done since the last scrum meeting?
- What is planned to be done until the next scrum meeting?
- What are the hurdles?

20190222 - Daily Scrum Meeting Minutes

20190222- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:03am

End time: 9:18am

Elias Garcia :

- What was done since the last scrum meeting?
 - I changed the layout of the UI a bit by separating the barchart, legend, and progress bar into separate view. I noticed we had a Card component that gives each element a more professional look (they make it appear like cards standing out against the background of the app). I decided to do this first before further editing the chart to make sure the changes I make to the chart does not negatively affect this design style
- What is planned to be done until the next scrum meeting?
 - I plan to continue working on the barchart which would include the color-coding for each bar, and make sure the most recent dates are present first so that the user may scroll towards the left to view previous dates
- What are the hurdles?
 - Besides getting to know more about how the PureChart library works, nothing at the moment.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I have been out sick since Tuesday. The doctor told me I could return to work today, so I'm back now.
- What is planned to be done until the next scrum meeting?
 - Write a wrapper function that checks a JSON list of entries for each user's push token and either starts or stops a cron job based on whether the user currently has one running or not.
- What are the hurdles?
 - We'll have to push to production branch to test this, which I am not 100% sure of how to do just yet.

20190225 - Daily Scrum Meeting Minutes

20190225 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:02 A.M.

End time: 9:18 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I finished editing the UI with the library that was previously used (PureChart). This included having to store the library locally in the repository (instead of installing it as a package) and doing several changes to its appearance like color-coding the bars in the bar chart, customizing the axes and labels, and making sure it loads with the most recent consumed snacks first so that the user can scroll back if they need to see previous snacks instead of having to scroll forward to see the latest. The library is limited in functions and properties so I had to manually change things in the library itself to get these results. Despite having to do this the library performs really well since it uses react-native components only and does not use SVG like victory-native did.
- What is planned to be done until the next scrum meeting?

- I plan to start developing the backend for the barcode scanner. I will start first by passing mock data (in this case just a snack name) from the barcode scanner and attempt to search and select the item that best fits by name. The goal is to have the user just scan the barcode and take them directly to the snackDetail page with the item that was scanned or return them to the search page with either no results (if nothing similar is available) or a list of similar snacks.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I've finished push notifications, and have tested them. Each user has their own cron job stored in memory under a key value store, where the key is their user ID from firebase and the value is their cron job. Each time the cron job executes, it calls a function that sends a push notification using the user's token. Basically the user will enable notifications in settings, which will add their token to a list in memory on the server. Then, when the cron job executes, it sends push notifications to all tokens on the list. If the user disables notifications, it grabs their cron job from the list of cron jobs in memory, stops it, and removes their token from the list of tokens. This ensures they won't receive notifications after disabling.
- What is planned to be done until the next scrum meeting?
 - Documentation and video for the feature, then merge it with production branch.
- What are the hurdles?
 - None at the moment

20190226 - Daily Scrum Meeting Minutes

yyymmdd - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:55 A.M.

End time: 9:12 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I started creating the mock data (in this case I want to try 2-3 snack names) and traced the action creators handle the application state for search in the frontend. I also took a look at how searches occur in the backend to have a guideline as to how I'm going to make my feature work. Lastly, I merged all the front-end work that Darien and I have done from the master branch towards the production branch (resolving a few merge conflicts along the way) and published our work on Expo.
- What is planned to be done until the next scrum meeting?
 - I plan to start adding a bit of back-end code and make some back-end calls to the UPC database to make sure I can get the data I need from there and successfully match it with my mock data. Perhaps there's a library that can make these comparisons quickly.
- What are the hurdles?
 - There's a bit more code than I expected for searching and I am still groggy on the fine details for searching. As the week goes I should be getting a better grasp now that I have a better understanding of back-end development.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Finished documentation and video for push notifications and uploaded to youtube.
- What is planned to be done until the next scrum meeting?
 - Send the video to Palacios directly, begin work on a new issue, probably the UI for the scoreboard.
- What are the hurdles?
 - None at the moment.

20190227 - Daily Scrum Meeting Minutes

20190227 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05 A.M.

End time: 9:18 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I managed to make some calls to the UPC database I intend to use (using Postman). Even though I noticed it is limited in the amount of UPC codes, it still works for testing and could definitely be swapped out for a better db later on in the future. I also took a step back and fully traced the front-end components, actions creators, controllers, and helpers (from the back-end)

involved in making searches and wrote down a detailed summary as to how I'm going to put the backend all together. I managed to get a really good idea as to how it will work. I've also discovered that the USDA database we search through has items with UPC values which will potentially make this feature a bit easier to implement.

- What is planned to be done until the next scrum meeting?
 - I plan to keep working on adding the necessary code to have the barcode scanner working. This will include edits within the util.js and searchaction.js for the front-end (for now, I believe these are the only things I might need to edit in the front-end). For the backend I will need to edit the searchHelper.js, and snackController.js file for now.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I spent some time analyzing HistoryPage.js to see if I could find some relevant data for the scoreboard. It appears the previous team kept track of the total number of points a person has through nextLevelPoints, which is $(n+1) + (n+2) / 2$. They also track the number of points in a given level, as well as the users level. I made a list of what I'll be showing on the first draft of the scoreboard and some relevant functions to write:
 - Show a top 5 - this will be based on level AND average overall score (average of all daily averages)
 - Write a function to calculate total overall average
 - Write a function to limit people from advancing their level by consuming multiple snacks per day (use Date functions)
 - Show a comparison between current user's average overall score and each of the top 5
 - Show a comparison between current user's level and each of the top 5
- What is planned to be done until the next scrum meeting?
 - Start building the scoreboard as a static component to get a visual to work with, and publish back end to production, as Dr. Palacios would like to demo new features
- What are the hurdles?
 - Need to remember how to publish the back end

20190228 - Daily Scrum Meeting Minutes

20190228- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:02

End time: 9:13

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to implement a good half of the back-end for the bar code scanner. Previously, the bar code scanner only gave a prompt on the screen when a product was scanned. Instead, now it makes a call to a function in the util.js file which handles the call to the back-end. Within the back-end, I wrote functions for snackController.js and searchHelper.js which handle the call to the UPC database. So far when I scan a product, it prints a log on the screen showing the product name and brand which indicates a successful call.
- What is planned to be done until the next scrum meeting?
 - For today, I plan to get that product name and brand from the UPC scan, and use it to query the local DB and USDA's DB. If the USDA product has a UPC value (I noticed about half of them do), then I want to return that specific product. If not, I want to find the first result that occurs after searching for a snack with that product name. Ultimately, if the products are not similar or no results are found, I'd like to take the user back to the searchForm and display similar results.
- What are the hurdles?
 - The task would be a lot quicker and more accurate if the snacks in the Snackability DB had an attribute containing UPC codes. The results from the scan might vary because I'm essentially getting the product name from the UPC code in a database and trying to match it with the product names in our DB. The main hurdle here is making sure the product retrieved from the UPC DB best matches the one in the snackability DB/USDA DB

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Attempted to get backend published to production, but the search function suddenly stopped working
- What is planned to be done until the next scrum meeting?
 - Get the backend onto production build
- What are the hurdles?
 - The deployment steps on heroku didn't work, and the previous team didn't leave instructions for this

20190301 Daily Scrum Meeting Minutes

20190301 Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:08

End time: 9:19

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to successfully scan a product and have it take me to the first result that appears from either the local DB or USDA DB (depending on the same results that a typed search would produce). This involved having the snack scanner page route to either localView or snackView (there are 2 different routes depending on whether the snack is from local or USDA db) within it's handler function.
- What is planned to be done until the next scrum meeting?
 - Now I need to handle exceptions in the event that the snack scanner returns undefined values or returns a snack that's not accurate (this will always be a possibility since we are only matching the UPC object's product name to our DB's product name). I am also planning to make sure the snack scanner's state is handled by redux since that's how the search form handles its state. If time allow's I'd like to also have the option to match the UPC value the scanner returns to the UPC values that some of the USDA snacks have. This will help the snack scanner return slightly more accurate results.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Still couldn't get backend published correctly, so I reached out to Jeff from last semester's team, who dealt with Heroku. He is going to help me get this published properly tonight, and I'll document the steps so this isn't an issue in the future.
- What is planned to be done until the next scrum meeting?
 - Get the backend onto production build, document the steps for future teams and for our future sprints. Start on a static version of the Scoreboard.
- What are the hurdles?
 - Other than the backend publication, none

20190301 - Sprint 3 Retrospective Meeting Minutes

20190301 - Sprint 3 Retrospective Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:30 A.M.

End time: 8:40 A.M.

- Did we do a good job estimating our team's velocity?
Yes we were able to work the hours stated in the sprint.
- Did we do a good job estimating the points (time required) for each user story?
Yes this is despite some issues encountered with the backend repository that were unforeseen.
- Did each team member work as scheduled?
Yes each team member worked the amount scheduled.

What went right?

- **Elias Garcia**: I was able to implement the preliminary bar code scanning feature that allows for users to scan a product instead of having to type it.
- **Darien Q Morrison**: I was able to finish push notifications and came up with a rough design for the UI of the scoreboard.

What went wrong?

- **Darien Q Morrison**: I am not able to publish backend changes to the production branch running on the heroku server. Instructions in heroku documentation don't work and it seems to be due to the dist directory of the project, which is auto generated by babel. Christian left instructions related to this, but they do not work and the instructions have typos (seems they were sloppily made in a hurry).

How to address the issues in the next sprint?

- How to improve the process?
Documentation to deploy the front-end and back-end will be provided for future changes. Darien will also reach out to Aaron Feng to address this, as he may be able to help.
- How to improve the product?
Elias Garcia : Bar code scanning will be improved for quicker and more accurate searches, additionally error handling for the scanner

will be fixed.

Darien Q Morrison : The new features I'm attempting to add will improve the product once we can get it on the heroku server, and after that I'll be focusing on improving the gamification components like the achievements and scoreboard, etc.

Sprint 3 Planning Meeting Minutes

Sprint 3 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 10:00 A.M.

End time: 10:45 A.M.

After discussion, the velocity of the team were estimated to be .

40 hours

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

-  **SNAK-12** - Search with bar code scanning DONE
-  **SNAK-60** - Create Snack Achievements DONE
-  **SNAK-61** - Create badges for the achievements DONE
-  **SNAK-18** - Reminder notifications DONE
-  **SNAK-68** - Develop UI for the Scoreboard TO DO

The team members indicated their willingness to work on the following user stories.

- Elias Garcia
 -  **SNAK-12** - Search with bar code scanning DONE
- Darien Q Morrison
 -  **SNAK-68** - Develop UI for the Scoreboard TO DO
 -  **SNAK-60** - Create Snack Achievements DONE
 -  **SNAK-61** - Create badges for the achievements DONE
 -  **SNAK-18** - Reminder notifications DONE

Sprint 3 Review Meeting Minutes

Sprint 3 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:40 A.M

End time: 9:00 A.M.

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners: All.

-  **SNAK-18** - Reminder notifications DONE
-  **SNAK-12** - Search with bar code scanning DONE

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

-  **SNAK-60** - Create Snack Achievements DONE
-  **SNAK-61** - Create badges for the achievements DONE
-  **SNAK-68** - Develop UI for the Scoreboard TO DO

Sprint 4

20190304 : Sprint 4 Planning Meeting Minutes

20190304 : Sprint 4 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00AM

End time: 10:30AM

After discussion, the velocity of the team were estimated to be 28.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

-  **SNAK-68** - Develop UI for the Scoreboard TO DO
-  **SNAK-81** - Backend Production DONE
-  **SNAK-82** - Read upcitemdb documentation DONE
-  **SNAK-83** - Add gluten-free name check DONE
-  **SNAK-59** - Scoreboard TO DO
-  **SNAK-84** - Make push notifications mandatory DONE
-  **SNAK-85** - Bar Code scan enhancements DONE

The team members indicated their willingness to work on the following user stories.

- Darien Q Morrison
 -  **SNAK-81** - Backend Production DONE
 -  **SNAK-83** - Add gluten-free name check DONE
 -  **SNAK-84** - Make push notifications mandatory DONE
 -  **SNAK-68** - Develop UI for the Scoreboard TO DO
- Elias Garcia
 -  **SNAK-85** - Bar Code scan enhancements DONE
 -  **SNAK-82** - Read upcitemdb documentation DONE

20190305 - Daily Scrum Meeting Minutes

20190305 Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00am

End time: 9:11am

Elias Garcia:

- What was done since the last scrum meeting?
 - Started new sprint, filled out Review, Retrospective and planning documents. Additionally, I started looking over the upcitemdb documentation to see how to best start enhancing the feature I've already built on the last sprint.
- What is planned to be done until the next scrum meeting?
 - I plan to start working on the backend of the scanner to retrieve items in the USDA database by UPC number since a lot of their products already have a UPC value attached to them.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I added some new issues to the backlog, filled out the Review, Retrospective and Planning Meeting Minutes and continued to debug publishing to production. Seems to be related to the npm scripts written out in package.json, and I'm following up on some promising stack overflow questions related to the issue.
- What is planned to be done until the next scrum meeting?
 - Get the backend published to production and document the steps.
- What are the hurdles?
 - See above.

20190306 - Daily Scrum Meeting Minutes

20190306 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:55 A.M.

End time: 9:08 A.M.

@elias garcia:

- What was done since the last scrum meeting?
 - I was able to scan a barcode using the UPC code only for USDA products. I discovered that the USDA API allows searching by UPC code using the same exact endpoint that we use to search for a snack by name.
- What is planned to be done until the next scrum meeting?
 - Now I plan to implement scanning a UPC code for the local DB. This should work similarly to the USDA's approach although some adjustments to the endpoint or DB query might be necessary.
- What are the hurdles?
 - None at the moment.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - After much debugging and many production releases, I was able to successfully publish the backend changes we have locally to the heroku production server! I had to rewrite the scripts Christian wrote, as they did not work. I verified that our new features were on the production release as well.
- What is planned to be done until the next scrum meeting?
 - Create a document for future teams on how to do this, with very thorough explanations of the scripts and what every single relevant line of code means so that something as trivial as publishing the backend is not something they need to spend days debugging. I will also continue working on the scoreboard elements.
- What are the hurdles?
 - None at the moment

20190307 - Daily Scrum Meeting Minutes

20190307 Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:03

End time: 9:15

@egarc068

- What was done since the last scrum meeting?
 - I was able to execute a query to my local DB for a snack using the UPC code only.
- What is planned to be done until the next scrum meeting?
 - Add better error handling for this feature. I might have to get redux involved in this process since there are already actions and reducers for this such as search attempts/success/failures, loading, etc.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Wrote down an explanation on how to publish the backend to the heroku server, and what the npm scripts in package.json mean, and then went to a dentist appointment at 11
- What is planned to be done until the next scrum meeting?
 - Continue working on other issues
- What are the hurdles?
 - None

20190308 - Daily Scrum Meeting Minutes

20190308- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00am

End time: 9:12am

Elias Garcia :

- What was done since the last scrum meeting?
 - I was getting a good overview on how the application performs searches using redux and managed to start implementing the bar code scanner in a similar fashion.
- What is planned to be done until the next scrum meeting?
 - Complete the bar code scanning feature with its proper state and actions being controlled by redux. I plan to finish error handling for this feature as there are still minor bugs when the same snack is being scanned again and when a upc code is not found (e.g. an item that is not a snack but has a UPC label).
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I realized that instructions for publishing the backend were incomplete without environment variables. Future teams will benefit from this because in order to switch from dev to production, they will only need to edit one file, which is not tracked by version control. I wanted to use a package to take advantage of environment variables within package.json, but the ones I found (if-env and per-env) are both failing builds atm, and did not work. The solution for now is to have a plaintext file with the npm scripts for production and one with the npm scripts for development, tracked by version control, and when someone needs to publish to the backend they can simply copy and paste the scripts.
- What is planned to be done until the next scrum meeting?
 - Finish the environment variable user story, along with the backend user story, since they work together, and finish those improvements in the current active sprint like making push notifications mandatory.
- What are the hurdles?
 - The logout button suddenly stopped working on the local version of the app, despite being operational on the production app. Previously, we were able to delete package-lock.json, delete node_modules, and then yarn install, but doing so this time did not work, as yarn install is failing with the longest stack trace I've ever seen. Might be due to switching node versions.

20190312 Daily Scrum Meeting Minutes

Attendees: Darien Morrison

Start time: 9:00am

End time: 9:05am

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Continued debugging the issues with yarn install
- What is planned to be done until the next scrum meeting?
 - Get this fixed so that I can finish the two related user stories

- What are the hurdles?
 - See above

20190313 Daily Scrum Meeting Minutes

Attendees: Darien Morrison

Start time: 6:53pm

End time: 7:00pm

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Uninstalled Node 10.11.0 and installed node 10.15.3 (LTS) on the front and back end in hopes of resolving long node-gyp stack trace. That didn't work, so I went back to node 8.15.0 and it cleared the grpc and node gyp errors. Node version on Windows apparently needs to be 8.15.0.
 - Deleted node modules and yarn installed, did not get the long stack trace from node-gyp, and the app functions and all features work after node update.
 - Split up the cron time env variables since I can't set a string with spaces on heroku config vars. Now we have process.env.CRON_SEC, process.env.MIN and process.env.HR, which are concatenated in the /toggleNotifications route handler in app.js.
 - Tested a new deploy using the environment variables. Everything works, including the enable/disable notifications, the dietary restrictions (after debugging and republishing the Frontend to production with the proper SEARCH_URL string in utils.js and working with Elias to get the Logout button working again).
 - Cron Time is relative to where the code runs, so it might be off depending on where the user is, but logs show valid Cron Jobs and Cron Time.
 - Updated the [README.md](#) in the backend repo explaining the env variables and how to deploy the backend for production.
- What is planned to be done until the next scrum meeting?
 - Write up Feature Documents for the issues I've just finished, if any, and begin making the adjustments Dr. Palacios requested.
- What are the hurdles?
 - None at the moment.

20190314 Daily Scrum Meeting Minutes

Attendees: Darien Morrison

Start time: 7:00pm

End time: 7:10pm

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Finished Feature Document for SNAK-87 and SNAK-81, the Environment Variables/Backend Production documents.
 - Updated the list of common allergens within scoringAlgorithm.js
 - Added the function checkIfGlutenFree(), which checks if a snack name has a substring indicating it is gluten free, since Palacios requested it
 - Added a few missing things to the README on the backend repo, pertaining to publishing the frontend to production.
 - Began making push notifications mandatory
- What is planned to be done until the next scrum meeting?
 - Finish making push notifications mandatory
 - Add environment variables to the front end as well
 - Remove meat, eggs and wheat from the dietary restrictions and update the UI and the feature document
- What are the hurdles?
 - None at the moment.

Sprint 4 Retrospective Meeting Minutes

Sprint 4 Retrospective Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M.

End time: 9:20 A.M.

What went wrong?

A couple dependency issues occurred again and we had to spend some extra time resolving them.

- Did we do a good job estimating our team's velocity?
Yes, we were able to commit the amount of hours stated in the beginning of the sprint.
- Did we do a good job estimating the points (time required) for each user story?
Yes the time required for our user stories were pretty accurate with what we had estimated.
- Did each team member work as scheduled?
Yes we were able to dedicate more time to work on our user stories given that we had a week of break.

What went right?

- [Elias Garcia](#): I was able to fully implement the bar code scanning feature. I also had enough time to make sure the scanning feature works for several scenarios and added some UI elements (viewfinder, cancel button for the scanner, activity indicator).
- [Darien Q Morrison](#): I was able to finish publishing the backend to production, complete with documentation and environment variables, which will aid future teams and the deployment process. I also made some improvements Dr. Palacios requested, and figured out the cause of and resolved some bugs.

How to address the issues in the next sprint?

- How to improve the process?
 - Although most of the time it is out of our control, when there are dependency issues, we want to try to resolve them as soon as possible and we also want to try to find the most stable solution so that the same issues don't happen again in the future.
- How to improve the product?
We want reduce the amount of bugs in the application this includes bugs in the front-end and back-end which will be addressed in the next sprint.

Sprint 4 Review Meeting Minutes

Sprint 4 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:20 A.M

End time: 9:50 A.M.

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners: All.

- ☒ **SNAK-81** - Backend Production DONE
- ☒ **SNAK-82** - Read upcitemdb documentation DONE
- ☒ **SNAK-83** - Add gluten-free name check DONE
- ☒ **SNAK-84** - Make push notifications mandatory DONE
- ☒ **SNAK-85** - Bar Code scan enhancements DONE

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

- ☒ **SNAK-68** - Develop UI for the Scoreboard TO DO

Sprint 5

20190318 : Sprint 5 Planning Meeting Minutes

20190318 : Sprint 5 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:50 A.M.

End time: 10:20 A.M.

After discussion, the velocity of the team were estimated to be 50 hours.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

-  **SNAK-93** - Diet Restriction Disclaimers DONE
-  **SNAK-86** - First ingredient bug TO DO
-  **SNAK-80** - They are secret ingredients bug DONE
-  **SNAK-94** - Script for UPC column DONE
-  **SNAK-95** - UI improvements in Snack Detail page DONE
-  **SNAK-96** - Condense List of snacks in History Page DONE
-  **SNAK-68** - Develop UI for the Scoreboard TO DO
-  **SNAK-61** - Create badges for the achievements DONE
-  **SNAK-60** - Create Snack Achievements DONE
-  **SNAK-59** - Scoreboard TO DO

The team members indicated their willingness to work on the following user stories.

- Elias Garcia
 -  **SNAK-94** - Script for UPC column DONE
 -  **SNAK-95** - UI improvements in Snack Detail page DONE
 -  **SNAK-96** - Condense List of snacks in History Page DONE
- Darien Q Morrison
 -  **SNAK-93** - Diet Restriction Disclaimers DONE
 -  **SNAK-86** - First ingredient bug TO DO
 -  **SNAK-68** - Develop UI for the Scoreboard TO DO
 -  **SNAK-61** - Create badges for the achievements DONE
 -  **SNAK-60** - Create Snack Achievements DONE
 -  **SNAK-59** - Scoreboard TO DO
 -  **SNAK-80** - They are secret ingredients bug DONE

20190319 - Daily Scrum Meeting Minutes

20190319 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:05 A.M.

End time: 9:18 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - Started working on a python program that will connect to the local DB and select the brand and product name of each item .
- What is planned to be done until the next scrum meeting?
 - I plan to retrieve the UPC code from upcitemdb using the brand name and product name as the endpoint's parameters.
- What are the hurdles?
 - The documentation online for setting up API calls is a bit incorrect so I have to find a way to properly retrieve some JSON data from the api calls.
 - A couple of snacks contain encoded characters (registered and trademark symbols) which crash the program if they are not handled properly. I'd have to find a way to bypass these snacks or query them without those characters.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I had finished adding the Diet Restrictions disclaimer, and fixed the bug where user's would get incorrect snack feedback if the ingredients were 'They are secret'. Turns out that snacks with 'They are secret' ingredients are snacks from the USDA database that do not have a list of ingredients. Since I can't add the lists of ingredients, I added some checks to see if a user has some allergies set, and we're checking for those allergies, then if the name doesn't contain any violations and the ingredients are secret, I display a caution message letting them know that the list of ingredients is unavailable, and that they should double check the label. Shortly after finishing these two things, I spilled water on my laptop, and immediately flipped it and dried it and took it into a repair store, which is why I'm filling this out now.
- What is planned to be done until the next scrum meeting?
 - At that point in time the plan was to get my laptop fixed and have a workstation up and running again
- What are the hurdles?
 - See above

20190320 - Daily Scrum Meeting Minutes

20190320 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:57 A.M.

End time: 9:13 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to successfully make an API GET request to the upcitemdb database and pulled a UPC code for a product. Then I was able to update the proper snack with the upc code retrieved from the request.
- What is planned to be done until the next scrum meeting?
 - I plan to add some error handling to the code I wrote. This involves handling response statuses that are not successful (e.g. if a snack is not found), or handling cases where a result is returned but does not have a UPC key (Some international snacks may be in the snackability database and will therefore not have a UPC code). Upon handling these possible errors, I plan to start filling out the tables in the local and heroku db.
- What are the hurdles?
 - Since we are using a free version of upcitemdb's API, we have burst limits and daily api call limits. This means that the addition of these UPC codes will have to be gradual (100 calls per day) unless a subscription service is purchased.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I just picked up my laptop from the repair store and everything seems to be functioning correctly.
- What is planned to be done until the next scrum meeting?
 - Fix the first ingredient bug and the cron job bug
- What are the hurdles?
 - None at the moment

20190321 - Daily Scrum Meeting Minutes

20190321 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:03

End time: 9:11

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to successfully add handle possible errors that might occur when updating the UPC code of a snack
- What is planned to be done until the next scrum meeting?
 - I plan to start adding the snacks to the local DB and heroku. This will be a process that will take several days unless we purchase a monthly subscription with upcitemdb, in the meantime, I plan to start enhancing the UI for the snack detail page.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I'm in the process of moving the list of cron jobs and push tokens stored in memory on the production server into a more persistent storage like firebase. The issue is that if the server goes down for any reason, or is restarted, people will stop getting push notifications. I didn't take this into account initially when developing this.
- What is planned to be done until the next scrum meeting?
 - I'll be focusing on fixing that today and testing it, and hopefully once that's done fixing the first ingredient bug as well.
- What are the hurdles?
 - Just some bugs

20190322 - Daily Scrum Meeting Minutes

20190322 Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:59am

End time: 9:07am

Elias Garcia :

- What was done since the last scrum meeting?
 - I started adding the UPC codes to the snackability database this process should take about a week or so. I also started working on the UI for the snack detail page
- What is planned to be done until the next scrum meeting?
 - I plan to keep enhancing the UI, this includes testing out a few themes that will enhance the look of the page but at the same time comply with the theme of the application. I plan to run the script I wrote to fill the UPC codes
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I accidentally deleted all the data in our firebase realtime database, and began looking for a solution. I opened a ticket with firebase support and thankfully they were able to restore the data, despite being on the Free tier plan. For the future, I've upgraded the project to Blaze, the pay as you go plan, since it comes with automatic daily backups. I used my CC for the upgrade though, which I'll need to change in the future. I also began writing some functions to store the tokens and cron jobs in firebase instead of in memory on the backend server, since the server will likely go down and up many times throughout the lifetime of the project.
- What is planned to be done until the next scrum meeting?
 - Finish migrating the push notification related data structures into firebase, test that the feature works after the migration, and fix the "first ingredient" bug. Once that is all done, I'll publish to the production server so that the changes are visible to future trial participants.
- What are the hurdles?
 - None at the moment

20190325 - Daily Scrum Meeting Minutes

20190325 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:01 A.M.

End time: 9:13 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I finished editing the snack detail page for now. This includes changes to the table's design, button color was corrected to the proper blue theme we are using, and wrapping the form in a card component to give the snack detail a more modular look.
- What is planned to be done until the next scrum meeting?
 - I plan to start fixing the modal component that appears when a user clicks the consume button. It somewhat appears for android and barely shows up at all for iOS devices, either way it has to be fixed for both systems. I intend on making incremental fixes and checking to make sure it works on both devices. I also plan on letting filling more UPC codes on the snackability DB with the python program I wrote, this program will be running in the background as I work on these changes.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I'm almost done migrating the push notification data structures into firebase. I've got a function that goes through all the users in firebase, extracts their token, and places it into a list called appTokens, which holds all the tokens that users in our database have. This function is called anytime /toggleNotifications route is triggered, which is whenever someone logs in or signs up. Upon login or signup a new token would be created in some cases, so immediately after creating it the route is triggered and the global list of appTokens is updated before executing the logic that does the cron job, i.e. the notifications. I've written a similar function for a global list of cron jobs, but haven't tested it yet.
- What is planned to be done until the next scrum meeting?
 - Test out the cron job function, speak with the firebase rep to see how we can get Authentication data restored (they only restored the database data, but not the authentication data), then publish the fixed feature.
- What are the hurdles?
 - None at the moment

20190326 - Daily Scrum Meeting Minutes

20190326- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:08

End time: 9:15

Elias Garcia :

- What was done since the last scrum meeting?
 - I was not able to work yesterday as I had a sudden family emergency I needed to tend to.
- What is planned to be done until the next scrum meeting?
 - I plan to continue working on what was planned in the last scrum meeting
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Turns out you can't store objects deeper than 32 levels in firebase, which the cron job is. Upon further analysis, I realized that since each cron job is essentially the same, my architecture for push notifications has been slightly off this entire time. Each user does not need their own cron job, the server should instead have a single cron job that is created upon server start up, and that cron job should execute a function that sends push tokens to all users. I've modified the cron job architecture as such. The tokens, however, do need to be associated with a given user, and must be created by the user's phone (tokens are associated with devices), so that logic will remain in AuthActions.js. All that is left is to get all the tokens from appTokens in firebase, place them into a list and pass that list to sendPushTokens.
- What is planned to be done until the next scrum meeting?
 - Finish up this fix, and begin working on new things
- What are the hurdles?
 - Firebase APIs are asynchronous, and getting the list of tokens from appTokens has proven more difficult than anticipated, but I understand how to force the execution to wait for query results now after reading documentation at the end of yesterday.

20190327 - Daily Scrum Meeting Minutes

20190327 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:02 A.M.

End time: 9:12 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I was working on fixing the modal component that renders when a user consumes a snack but was unable to complete it since I need to look at a bit more documentation before doing so.
- What is planned to be done until the next scrum meeting?
 - I plan to go over the react native documentation and continue working on this modal. It appears the students from last semester were attempting to render a card component with a confirmation logo/message within it but could not do so. What's currently appearing is a broken version of the card component and the message is just overlapping it.
- What are the hurdles?
 - I just need to learn more about how modals work and what styling/properties I need to use to make it appear as it was intended.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I finished migrating and fixing the push notifications/cron job feature. I moved the cron job logic to the app.listen call, so even if the server goes down, the cron job will always exist upon restart. It's a single cron job, and the execution function is sendPushTokens, which has been modified to transform the array passed into a Set, to remove duplicate tokens. I also wrote a helper function to collect all the tokens from appTokens in firebase. Additionally, anytime someone logs in or signs up, their token is added to appTokens, so if someone logs in or signs up and their token is added before the next cron tick, they will receive notifications. If they do so after the cron tick (2pm) they will receive the notifications the next day. I've published this, the disclaimer modal, and the new 'They are secret' messages to the production app and tested them. All features work as expected.
- What is planned to be done until the next scrum meeting?
 - Begin working on Achievements and Badges
- What are the hurdles?
 - None

20190328 - Daily Scrum Meeting Minutes

20190328- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:02am

End time: 9:11am

Elias Garcia :

- What was done since the last scrum meeting?
 - I managed to fix the modals for both devices, now when a user consumes a snack they will see a small card around the center of the screen letting them know that the snack was successfully consumed. On the way to fixing this issue I ran into a bug with my snack scanner for iOS devices where apparently Expo's barcode scanner tacks an extra digit to the left-most side of the code scanned. To resolve this I added some platform-specific string parsing where I simply remove the first leading digit if the scanner is rendered from an iOS device.
- What is planned to be done until the next scrum meeting?
 - I plan to relocate the list of snacks consumed in the history page to a separate page. I will have the history page display at most the 10 most recent snacks and then if they'd like to see snacks from further back, they will have a button in the bottom of the page that will take them to the full list.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I began working on Achievements. I did some research in order to come up with the names for a few of them, and made a word document with 10 achievements that can be earned, what their criteria are, and how the apples system will work. I also found a resource, canva.com, which we can use for making badges for the achievement graphics. It's relatively cheap, and we should be able to make some good looking graphics for less than \$20. I also began writing some functions to store and increment user apples, among other achievement related functions, inside of achievements.js.
- What is planned to be done until the next scrum meeting?
 - Get in touch with Dr. Palacios to get a credit card to use for the graphics, make all the graphics for the badges, and finish writing the functions that will add and manipulate achievement related data to firebase.
- What are the hurdles?
 - None

20190329 - Daily Scrum Meeting Minutes

20190329- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:01am

End time: 9:14am

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to relocate the full list of snacks consumed into a separate page that will be display once a user clicks on a button in the history page. When the user signs in they will see the same history page but the "Recent Snacks" section will contain only 10 of the most recent snacks consumed. Below the 10 snacks they will see the button ("View All Snacks") which takes the user to a full list of snacks along with a message at the top that let's them know how many snacks they've consumed so far.
- What is planned to be done until the next scrum meeting?
 - I plan to start adding the proper documentation and videos for the features I've completed this sprint. I've also discovered an error when logging in using google/facebook I believe this has something to do with updating the client IDs in the newly restored firebase DB so I will go ahead and take a look at this as soon as I'm finished documenting.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I wrote some functions for incrementing/decrementing user data in firebase that will serve as the functionality for keeping track of user achievements and stats. I originally wrote a bunch of functions for different data points, but quickly realized I could generalize all the getters and incrementer functions into two functions and simply pass the key to access different data points. I also spoke with Dr. Palacios about adding a card to the Heroku account so that we can keep the server alive at all times. I verified that if the server comes back up, the notifications will work, and it did. As expected, I got a notification on both devices I've registered tokens with at 2pm. I also asked her to create a Canva account so we can make the graphics for the badges relatively cheaply.
- What is planned to be done until the next scrum meeting?
 - Create the graphics for all the badges now that the Canva account is set up, and start making reusable card like components that will be displayed when achievements are won. If time allows I will also start to add the function calls where appropriate to increase different statistics for users in the scoringAlgorithm.
- What are the hurdles?
 - None

Sprint 5 Retrospective Meeting Minutes

Sprint 5 Retrospective Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:40 A.M.

End time: 10:11 A.M.

What went wrong?

Nothing went wrong in particular besides the usual minor bugs that occur when we are adding new features. These were ultimately resolved and we had more time to add features to the application.

- Did we do a good job estimating our team's velocity?
Yes, we were able to commit the amount of hours stated in the beginning of the sprint.
- Did we do a good job estimating the points (time required) for each user story?
With the exception of a couple stories, the time required for our user stories were pretty accurate with what we had estimated.
- Did each team member work as scheduled?
Yes we were able to dedicate more time to work on our user stories given that we had a week of break.

What went right?

- [Elias Garcia](#): I was able to enhance the UI for the snack detail page which included fixing the modal after snack consumption, color to the table, and making sure the color way of the page matches the theme of the application. I was also able to add a button to view the full list of snacks and I successfully created the program needed to automate the task of filling UPC values for the snacks in the database.

- Darien Q Morrison :

How to address the issues in the next sprint?

- How to improve the process?
 - We want to test our features for as many cases as we can to avoid unexpected bugs.
- How to improve the product?

Several improvements to the product will occur in this sprint especially for the new features that will be going to production. The addition of gaming achievements will introduce a more game-like experience to the user and improvements such as information pages and search optimization will help users search and understand how to measure the snacks they are consuming

Sprint 5 Review Meeting Minutes

Sprint 5 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00am

End time: 9:37am

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners: All.

-  **SNAK-93** - Diet Restriction Disclaimers DONE
-  **SNAK-94** - Script for UPC column DONE
-  **SNAK-95** - UI improvements in Snack Detail page DONE
-  **SNAK-61** - Create badges for the achievements DONE
-  **SNAK-97** - Push Notifications DONE
-  **SNAK-80** - They are secret ingredients bug DONE
-  **SNAK-96** - Condense List of snacks in History Page DONE

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

-  **SNAK-86** - First ingredient bug TO DO
-  **SNAK-68** - Develop UI for the Scoreboard TO DO
-  **SNAK-60** - Create Snack Achievements DONE
-  **SNAK-59** - Scoreboard TO DO

Sprint 6

20190402 - Daily Scrum Meeting Minutes

20190402 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00am

End time: 9:14am

Elias Garcia :

- What was done since the last scrum meeting?
 - I started fixing the google/fb authentication issue. It turns out that the firebase back-up only comes with an auto-created a web client id but does not create one for android and iOS devices so I had to generate OAuth ids for both platforms and update each ID in our application.
- What is planned to be done until the next scrum meeting?
 - I plan to upload a new database provided by Dr. Palacios that includes a new ingredients section. I also plan on adding our team name and images for this version of the application in the "About Us" section of the app.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - We had Sprint Planning, Review, and Retrospective meetings, and filled out our meeting minutes. I began working on Achievements, and have AchievementCard.js almost complete, which is a card like component for displaying achievements with their badges. I've written functions to conditionally display the proper image and description/title based on an achievement key that is passed to the functions. I've also created a file that holds all the achievement descriptions and exports them.
- What is planned to be done until the next scrum meeting?
 - Implement a tool to keep the heroku server alive at all times, to verify push notifications are working, finish the AchievementCard.js component, and start adding the incrementDataForUser calls in scoringAlgorithm.js.
- What are the hurdles?
 - None

20190403 - Daily Scrum Meeting Minutes

20190403 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:03am

End time: 9:11am

Elias Garcia:

- What was done since the last scrum meeting?
 - I added the new database that was sent by Dr. Palacios. I also created a section for our team in the "About Us" page of the application however I could not add our images as the image sources for each other image appears to be in an imgur account.
- What is planned to be done until the next scrum meeting?
 - Get access to the imgur account so that we can add our images and complete this task. I'm also going to start adding the necessary components to have a popup of the servings diagram by the servings input section of the snack detail page.
- What are the hurdles?
 - None at the moment.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Added our project to Kaffeine, a tool that pings the app once every 30 min to prevent it from sleeping. Verified that everyone got push notifications. Finished the AchievementCard.js component. It now renders with all data dynamically from firebase and displays the images appropriately, complete with styling.
- What is planned to be done until the next scrum meeting?
 - Add the function calls to scoringAlgorithm and test them
- What are the hurdles?
 - None

20190404 - Daily Scrum Meeting Minutes

20190404 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:01 A.M.

End time: 9:10 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I've completed setting up a link which will provide a popover tooltip component display servings suggestions. This will serve users so that they can better estimate the portioning of the snacks they are consuming
- What is planned to be done until the next scrum meeting?

- I plan to start on the next story which involves solving the first ingredient bug. As of now, USDA snacks do not get any points for the first ingredient column even if they are supposed to. I want to start by researching exactly why this bug is happening.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Started testing functions for achievements and writing functions to pop up the achievementCard.js component when certain requirements are met
- What is planned to be done until the next scrum meeting?
 - Finish up achievements and add some data for certain users so I have something to show on the scoreboards, then begin working on scoreboards
- What are the hurdles?
 - None

20190405 - Daily Scrum Meeting Minutes

20190405 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:55 A.M.

End time: 9:06 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - Initially I was going to start working on the first ingredient bug but I estimated this might take a bit longer than expected so I decided to start on my other user story which involves displaying the user name on the splash screen. I went ahead and first fixed the way the message on the splash screen is being rendered and the time it is rendered for.
- What is planned to be done until the next scrum meeting?
 - I plan to continue on this feature which now includes personalizing the splash screen message with the user's name. This will involve adding a name option when users sign up which will then be kept in Firebase. Similarly, I will have to get the name from users who sign in by google/FB authentication via permissions from these platforms.
- What are the hurdles?
 - None

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Added red and gold apple icons made in Canva for the My Apples card on HistoryPage.js. Wrote and tested gainAchievementInFirebase, which will add an achievement key and value depending on the achievement earned and the level (input params). Takes into account users who have no achievements as well. Added getAchievements() which gets all the users achievements and returns as object. Added the call to componentWillMount in Achievements.js to dynamically render a user's achievements via AchievementCards. Essentially, the list of achievements is retrieved and an AchievementCard.js component is rendered for each one.
- What is planned to be done until the next scrum meeting?
 - All that is left for the feature is to add the calls to scoringAlgorithm.js, and write a function that pops up the achievement card when achievements are gained
- What are the hurdles?
 - None

20190408 - Daily Scrum Meeting Minutes

20190408- Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:57 A.M.

End time: 9:08 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I went back to the portion size display story and fixed and added a couple of additional things to it including fixing the size of the picture, adding the capability for the user to zoom in on the picture, and allowing the user to click or swipe out of the picture. Upon attempting to use React Native's ScrollView component, there was a couple of issues that involved possibly rolling back to a previous version of React Native and to avoid any further compatibility issues, I simply added a library that

allows for image panning and zooming. With adding this zooming capability, there's a possibility that swiping might not be as feasible for all devices due to the ImageZoom component being enclosed inside the modal (the modal is what has the prop to swipe left to exit). To mitigate this, I simply added a touchable text at the bottom which will let users exit the portion size display.

- What is planned to be done until the next scrum meeting?
 - I plan to go back to my current user story which involves displaying the user's name in the splash screen as well as home screen. This will involve modifying firebase to hold an optional user name. IF the user chooses not to place there name then they will see a default message on the homescreen and splash screen
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - I found where all the score data I need is available on the front end. It's in SnackDetailView.js, in the consumeAction. Wrote checkScoresForAchievements() and checkCountForAchievement. checkScoresForAchievement takes in all the data resolved from the consumeAction related to scores (sugarScore, processedScore, etc.), calls incrementDataForUser and determines determines when to call checkCountForAchievement depending on the count returned from firebase after incrementing. checkCountForAchievement then determines if an achievement is gained or not.
- What is planned to be done until the next scrum meeting?
 - Adjust checkScoresForAchievement since the data is not being stored properly in firebase. It seems I have to edit my architecture and possibly make a separate function for each type of score.
- What are the hurdles?
 - None

20190409 - Daily Scrum Meeting Minutes

20190409 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:55 A.M.

End time: 9:06 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I was able to create a optional first name field when users sign up on the application as well as updating Firebase's database when they do so. Now when a user enters a first name when signing up, they will see their name displayed on the history page along with a welcome message. I also added some error handling in case the user decides not to enter a first name; this involves simply displaying a generic message on the history page instead of attempting to retrieve a first name from the component state.
- What is planned to be done until the next scrum meeting?
 - I plan to find a way to display the user name in the splash screen. I was attempting to do this together with the history page but for some reason I cannot get a proper reference to Firebase the same way I did with the history page.
- What are the hurdles?
 - The main hurdle here is that I am not sure whether this is due to Firebase, the way I'm handling the component's state, or the way routing is setup. I've attempted to search online and print some logs to see if I can find where the problem is coming from but I have not been able to do so. I also attempted to reinitialize Firebase within the splash screen as a temporary solution but Firebase does not allow duplicate instances inside the application. Lastly, I've suspected that it can be due to the way routing was setup in the previous versions which might imply having to fix the way routing is done. There's a possibility that the splash screen is not within the hierarchy of the "main" route which initializes the Firebase instance.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Added the final snack resolved from scoring() to the res.send call in snackController for both localRender and usdaRender so we have the score data on the front end for my achievement algorithms. Added log statements to util.js to verify response of snack. Modified checkScoresForAchievements(), which now calls processScore, processCalScore, processFatScores, processSodiumScore, processSugarScore, and processProcessedScore sequentially. Each of those returns a promise which either resolves an achievements JSON object, or null. By chaining the promise resolutions, we can increment each data point sequentially and call gainAchievementInFirebase sequentially, waiting for each operation to finish. Also modified gainAchievementInFirebase to call displayAchievementAlert() only after a successful set on the firebase data. displayAchievementAlert displays an Alert with the dynamically determined achievement title and description, and only after the user clicks OK does that function resolve. This means that the app will never try to display two Alerts at once in the event of multiple achievements being earned for the same snack. I've tested this, and they display in order. Once the Alert is closed, then the remaining calls are made to increment and so on.
- What is planned to be done until the next scrum meeting?
 - Try to have an alert or alert type component pop up with the badge image, write up documentation for the Achievements feature, and begin writing functions to see who has the highest count of achievement related data points for the scoreboards.
- What are the hurdles?
 - None

20190410 - Daily Scrum Meeting Minutes

20190410 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:02 A.M.

End time: 9:12 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I was attempting to get the user's name to show up on the splash screen but was not able to do so. This perhaps might take a lot more time since it can possibly involve changing the routes of the entire application to make the splash screen hold an instance of firebase.
- What is planned to be done until the next scrum meeting?
 - I plan to start working on the feature document for the stories I've completed so far this sprint and complete my presentation poster
- What are the hurdles?
 - None at the moment

@<Enter Team Member 2's Name>:

- What was done since the last scrum meeting?
 - Achievement Cards were not properly displaying the string 'Your current <datapoint> count: <count>' when rendering the cards on Achievements.js. I was able to fix this, and the cards now display that string with the proper count retrieved from firebase. It had to do with the way I was attempting to access variables retrieved asynchronously.
- What is planned to be done until the next scrum meeting?
 - Write the feature documents for SNAK-60, SNAK-102
- What are the hurdles?
 - None

20190411 - Daily Scrum Meeting Minutes

20190411 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M.

End time: 9:09 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - I started and completed my presentation poster. I also started working on the feature documents for 2 user stories I completed this sprint.
- What is planned to be done until the next scrum meeting?
 - Complete the feature document and diagrams for the 2 user stories (Displaying portion sizes and displaying user name). If time allows I'd like to see if I can solve one more user story involving the first ingredient bug that show's up for USDA snacks
- What are the hurdles.
 - None.

@<Enter Team Member 2's Name>:

- What was done since the last scrum meeting?
 - Finished writing the feature documents for SNAK-60 (Achievements) and SNAK-102 (Achievements Dashboard). Also noticed an issue with my current algorithms - The user is displayed an alert every time they get a redApple or lowCalorieSnack, etc. for gaining an achievement. Began revising it so that the alert is only shown once per level, not once per step in each level.
- What is planned to be done until the next scrum meeting?
 - Finish revising the achievements algorithm, test it, then implement double xp weekends and the trader achievement, since those have completely different sequence flows and use cases from the achievements gained from consuming snacks. They will likely have to be separate stories since they are gained in a completely different way. I probably won't have time to start on the scoreboards, unfortunately.
- What are the hurdles?
 - See above

20190412 - Daily Scrum Meeting Minutes

20190412 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:12 A.M.

End time: 9:28 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
I attempted to try to solve the first ingredient bug but still ran into several errors that could not let me complete it
- What is planned to be done until the next scrum meeting?
I plan to add this bug to the product backlog and add it as a shortcoming to this version of the application. I now plan to complete the poster and documentation we will need for the presentation.
- What are the hurdles.
None

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Finished revising the achievements algorithm and tested it to verify it works. Everything works as expected for Snack related achievements. Updated the documentation for SNAK-102 and SNAK-60. Finished the Trader Achievement and the diagrams for the Feature Document, as well as the video, but not the Feature Document itself.
- What is planned to be done until the next scrum meeting?
 - Finish the feature document for SNAK-103, finish Double XP Weekends and Double XP Warrior Achievement stories from start to finish including documentation and videos, and finish my Poster and email to Dr. Sadjadi for review.
- What are the hurdles?
 - None at the moment

Sprint 6 Planning Meeting Minutes

Sprint 6 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 10:12am

End time: 10:45am

After discussion, the velocity of the team were estimated to be 50 hours.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

-  **SNAK-60** - Create Snack Achievements DONE
-  **SNAK-86** - First ingredient bug TO DO
-  **SNAK-68** - Develop UI for the Scoreboard TO DO
-  **SNAK-59** - Scoreboard TO DO
-  **SNAK-71** - Double XP Weekends DONE
-  **SNAK-65** - User Account information DONE
-  **SNAK-62** - Admin Accounts TO DO
-  **SNAK-100** - Servings information pop-up DONE
-  **SNAK-99** - Snack search optimization TO DO
-  **SNAK-98** - Google/FB sign in bug DONE
-  **SNAK-101** - Version 3.0 About us section DONE

-  **SNAK-104** - Double XP Achievement DONE
-  **SNAK-103** - Trader Achievement DONE
-  **SNAK-102** - Achievements Dashboard DONE

The team members indicated their willingness to work on the following user stories.

- **Elias Garcia**
 -  **SNAK-100** - Servings information pop-up DONE
 -  **SNAK-99** - Snack search optimization TO DO
 -  **SNAK-98** - Google/FB sign in bug DONE
 -  **SNAK-101** - Version 3.0 About us section DONE
 -  **SNAK-86** - First ingredient bug TO DO
 -  **SNAK-65** - User Account information DONE
- **Darien Q Morrison :**
 -  **SNAK-60** - Create Snack Achievements DONE
 -  **SNAK-59** - Scoreboard TO DO
 -  **SNAK-68** - Develop UI for the Scoreboard TO DO
 -  **SNAK-71** - Double XP Weekends DONE
 -  **SNAK-62** - Admin Accounts TO DO
 -  **SNAK-104** - Double XP Achievement DONE
 -  **SNAK-103** - Trader Achievement DONE
 -  **SNAK-102** - Achievements Dashboard DONE

Sprint 6 Retrospective Meeting Minutes

Sprint 6 Retrospective Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 AM

End time: 9:25 A.M.

- Did we do a good job estimating our team's velocity?

Yes we were able to commit the amount of hours that we stated at the beginning of the sprint

- Did we do a good job estimating the points (time required) for each user story?

No we did not take into account the poster and documentation set up we had to complete so we could not complete all the stories we intended to.

- Did each team member work as scheduled?

Yes we were able to complete the amount of work as scheduled

What went wrong?

- **Darien Q Morrison** Achievements took longer than expected and I wasn't able to do the Scoreboards

What went right?

- [Elias Garcia](#): I was able to fix the Google/Facebook sign in bug. It only involved updating some OAuth IDs for each application. I was also able to add a portion size diagram in the application to allow users to have a guideline as to what varying portions look like. Lastly, I was able to add a first name to the sign up form which is optional, but allows users name to be displayed on their dashboard.
- [Darien Q Morrison](#) : I was able to implement the entire Achievements system, from the graphics, to the reusable card components, to the lengthy achievements.js file that performed all the functionality. The groundwork for future achievements has been laid, and this data will easily be able to tie into the scoreboards.

How to address the issues in the next sprint?

- How to improve the process?
N/A since this is our last development sprint.
- How to improve the product?
N/A since this is our last development sprint and the next iteration will have the change to improve the product.

Sprint 6 Review Meeting Minutes

Sprint 6 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:28 A.M.

End time: 10:00 A.M.

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners:

-  **~~SNAK-60~~** - Create Snack Achievements DONE
-  **~~SNAK-71~~** - Double XP Weekends DONE
-  **~~SNAK-65~~** - User Account information DONE
-  **~~SNAK-100~~** - Servings information pop-up DONE
-  **~~SNAK-98~~** - Google/FB sign in bug DONE
-  **~~SNAK-101~~** - Version 3.0 About us section DONE
-  **~~SNAK-104~~** - Double XP Achievement DONE
-  **~~SNAK-103~~** - Trader Achievement DONE
-  **~~SNAK-102~~** - Achievements Dashboard DONE

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

-  **~~SNAK-86~~** - First ingredient bug TO DO
-  **~~SNAK-68~~** - Develop UI for the Scoreboard TO DO
-  **~~SNAK-59~~** - Scoreboard TO DO
-  **~~SNAK-100~~** - Servings information pop-up DONE
-  **~~SNAK-99~~** - Snack search optimization TO DO

Sprint 7

20190415 - Daily Scrum Meeting Minutes

20190415 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00am

End time: 9:07am

Elias Garcia :

- What was done since the last scrum meeting?
 - Completed a first draft for the poster and started on the documentation we will be presenting for our presentation
- What is planned to be done until the next scrum meeting?
 - Revise and properly cite diagrams used for my poster. I plan to keep add all the diagrams from our feature documents to our documentation.
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Completed my Poster and emailed to Dr. Sadjadi
- What is planned to be done until the next scrum meeting?
 - Final Documentation
- What are the hurdles?
 - None

20190416 - Daily Scrum Meeting Minutes

20190416 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:56 A.M.

End time: 9:03 A.M.

Elias Garcia:

- What was done since the last scrum meeting?
 - I added all diagrams from our user stories in the appendix section and added our test cases in the system validation section of our documentation
- What is planned to be done until the next scrum meeting?
 - I plan to compile all the work we've done for documentation and properly format each section (this includes properly indexing them in our table of contents).
- What are the hurdles?
 - None.

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Continued working on final documentation, particularly the giant class diagram is almost complete
- What is planned to be done until the next scrum meeting?
 - Finish the class diagram, which will finish the final documentation
- What are the hurdles?
 - None

20190417 - Daily Scrum Meeting Minutes

20190404 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:01 A.M.

End time: 9:11 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - Compiled all the work we did for the final documentation and revised it for spelling and grammar errors. Additionally, I finished properly formatting the document.
- What is planned to be done until the next scrum meeting?
 - I plan to start and complete the presentation slides that we will be presenting on the day of the showcase
- What are the hurdles?
 - None at the moment

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Helped with the presentation slides
- What is planned to be done until the next scrum meeting?
 - Publish changes to production and practice my demo for the showcase
- What are the hurdles?
 - None

20190422 - Daily Scrum Meeting Minutes

20190422 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 8:57 A.M.

End time: 9:06 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - Revised the presentation slides and documentation that was to be presented at the showcase. I also made sure our demos we're working properly to present.
- What is planned to be done until the next scrum meeting?
 - I plan to start on the user guide tutorial video and upload it as soon as it's completed. I also plan to push my final changes from the frontend to bitbucket.
- What are the hurdles?
 - None

Darien Q Morrison

- What was done since the last scrum meeting?
 - Finished the introductory video and put it on the Youtube channel
- What is planned to be done until the next scrum meeting?
 - Finish the other videos
- What are the hurdles?
 - None

20190423 - Daily Scrum Meeting Minutes

20190423 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:01 A.M.

End time: 9:06 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
 - Push my final changes to my remote branch and merged it to the master branch of our front-end repository. I also completed the user guide video and uploaded it to YouTube.
- What is planned to be done until the next scrum meeting?
 - Complete the shortcomings and wish list video. This will include creating a power point presentation where I'll discuss the features that we could not complete and new ideas for the upcoming team. I also plan to push the program I created to automate the filling of UPC code to Bitbucket as a separate repository (since it's neither part of the front-end nor back-end system).
- What are the hurdles?
 - None at the moment

Darien Q Morrison

- What was done since the last scrum meeting?
 - Haven't been able to finish the videos, I've been catching up with work at my job since I took days off the week of showcase
- What is planned to be done until the next scrum meeting?
 - Possibly finish the other videos if time permits
- What are the hurdles?
 - None

20190424 - Daily Scrum Meeting Minutes

20190424 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time:

End time:

Elias Garcia :

- What was done since the last scrum meeting?
I created and uploaded the shortcomings/wishlist video. I also pushed the program I created to fill UPC codes to our repository
- What is planned to be done until the next scrum meeting?
Start structuring the folders for the final deliverable and fill them out with the contents required
- What are the hurdles?
none

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Cleaned up some of my code and wrote function headers for the next team
- What is planned to be done until the next scrum meeting?
 - Finish the videos
- What are the hurdles?
 - None

20190425 - Daily Scrum Meeting Minutes

20190425 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:02 A.M

End time: 9:10 A.M.

Elias Garcia :

- What was done since the last scrum meeting?

Edited the confluence page with all our videos and user stories . Prepared the folder structure for the final deliverable.
- What is planned to be done until the next scrum meeting?

Create a tutorial video for the UPC filler program. Continue compiling all our documents for the final deliverable
- What are the hurdles?

None

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Haven't been able to work on much since last meeting, I've been making up lost hours at work
- What is planned to be done until the next scrum meeting?
 - Finish the videos
- What are the hurdles?
 - None

20190426 - Daily Scrum Meeting Minutes

20190426 - Daily Scrum Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M.

End time: 9:08 A.M.

Elias Garcia :

- What was done since the last scrum meeting?
Created a tutorial video for filling UPC values as well as add proper documentation in its repository
- What is planned to be done until the next scrum meeting?
Finish editing the confluence home page and finish compiling the final deliverable
- What are the hurdles.
None

Darien Q Morrison :

- What was done since the last scrum meeting?
 - Finished the video for installation
- What is planned to be done until the next scrum meeting?
 - N/A as this is the last meeting
- What are the hurdles?
 - None

Sprint 7 Planning Meeting Minutes

Sprint 7 Planning Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 10:00 A.M.

End time: 10:30 A.M

After discussion, the velocity of the team were estimated to be N/A.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- Complete and Submit posters.
- Create and finalize Documentation for Snackability 3.0 .
- Create presentation slides for this iteration of the application.
- Push and merge all code that we have in our local repositories
- Record and upload Intro, User Guide, Installation, Shortcomings/Wishlist, and other helpful tutorial videos for the next Snackability team.

The team members indicated their willingness to work on the following.

- We will both be working and revising each task that we will be completing

Sprint 7 Review Meeting Minutes

Sprint 7 Review Meeting Minutes

Attendees: Elias Garcia, Darien Morrison

Start time: 9:00 A.M.

End time: 9:30 A.M

Concluding this sprint, the following documents were accepted:

- Final Code pushed to Bitbucket with proper versioning
- Final Documentation detailing sprint meeting minutes and final documentation for Snackability 3.0
- Posters presented at the showcase
- PowerPoint presentation detailing our user stories
- Final videos