

Capstone 2 Spring 2023 University Social App

Team Members:

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- Profesor: Masoud Sadjadi



Problem Definition

- Purpose:
 - The main issue being, more student are taking online classes since covid hit and there is less social activities going on in Campus. Also many student go to campus take their classes and then leave. To allow university students interact with one another with ease and comfortability, with like minded individuals. The solution was to create a social media app for said university students.
 - There exist a lack of student's campus life, academic involvement, extracurricular activities were the hopes of this app is will help increase those interactions.

About the Project:

- The University Social App is a mobile-based application for both Android and iOS devices
- Flutter
- Android Studios
- Xcode
- VsCode
- Back4App Database





Introduction

- Features:
 - A Home Screen
 - A Profile Page
 - A Login and SignUp Page
 - A Messaging UI
 - A Navigation Bar
- Progress
 - Throughout this semester, there was a large focus on getting the app with the basic features to become functional with UI and figma to become more uniformed as a later priority



User Stories (tracked on Trello)

- As a user, I want to have a loading screen between transitions.
- As a user, I want to have a home page ui that has the selection UI to accept people or not similar to Tinder yes/no.
- As a user, I want to be able to edit my profile picture and bio
- As a user, I want to be able to change my settings
- As a developer I want to get information from the users such as age, name, gender and school in the sign up screen
- As a developer I want to redesign the UI for the login and sign up page
- As a developer I would like to get the messaging feature to be complete with database functionality

Sign Up Screen

Implemented User Stories

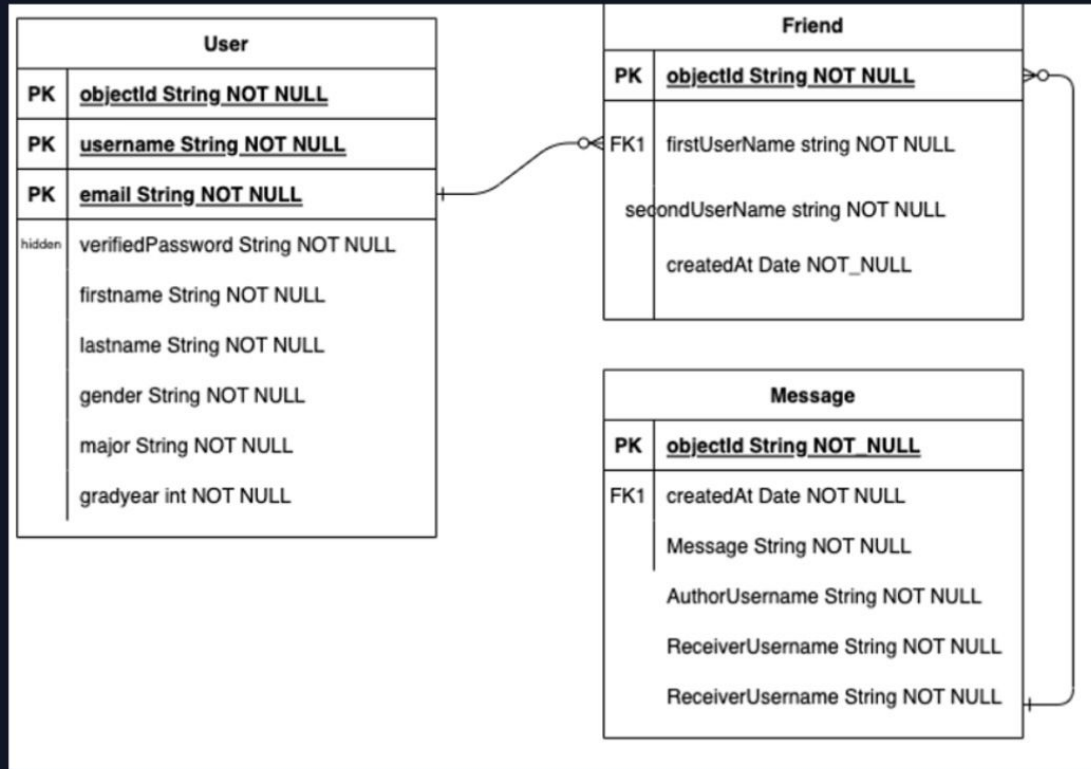
- User is able to create an account using his credentials
- User is prompted to verify his email once the account is created before he is able to login
- User is able to move to the login screen

To Do

- User should be prompted if username entered already exists in the system error message
- Password criteria should be displayed to the user when user clicks inside the password data field.

The image shows a mobile application sign-up screen. The background is a mix of white and light blue with abstract, wavy patterns. The form is centered and consists of several input fields, each with a small icon on the left: a person icon for 'username', an envelope icon for 'email', a padlock icon for 'password', and person icons for 'first name' and 'last name'. The 'password' field has a small eye icon on the right to toggle visibility. Below these is a 'Gender' dropdown menu with a person icon and a downward arrow. At the bottom of the form are two buttons: a blue 'SIGN UP' button and a white 'ALREADY HAVE AN ACCOUNT? LOG IN' button with a blue border.

Object Design





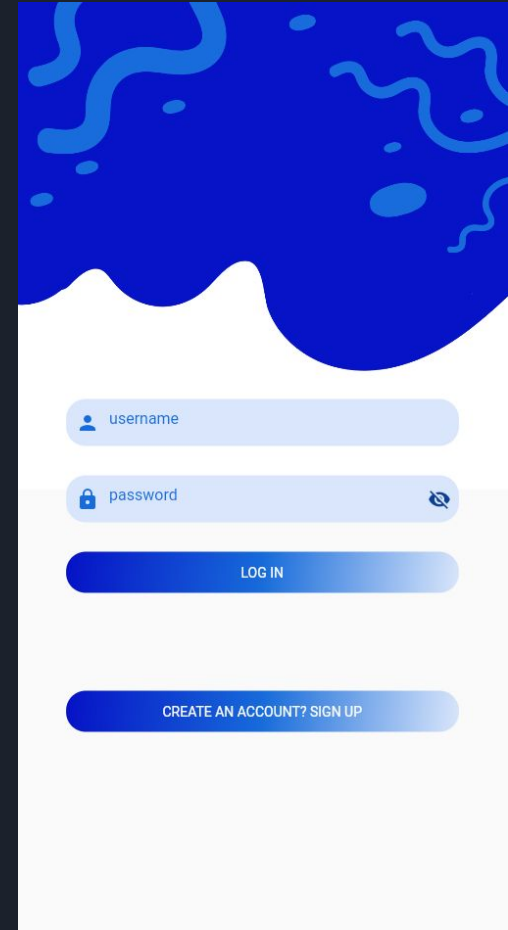
Login Screen

Implemented User Stories

- User is able to login to his account using his credentials
- User is able to move to the sign up view

To Do

- User is able to recover his password
- User is able to press a button to view the password he/she typed
- User should be prompted an error message if credentials are incorrect



The image shows a login screen with a dark blue background featuring a white wavy pattern at the top. The login form is centered and consists of the following elements:

- A light blue rounded rectangular input field for the username, with a small user icon on the left and the placeholder text "username".
- A light blue rounded rectangular input field for the password, with a small lock icon on the left, the placeholder text "password", and a small eye icon on the right to toggle password visibility.
- A solid blue rounded rectangular button with the text "LOG IN" in white.
- A solid blue rounded rectangular button with the text "CREATE AN ACCOUNT? SIGN UP" in white.

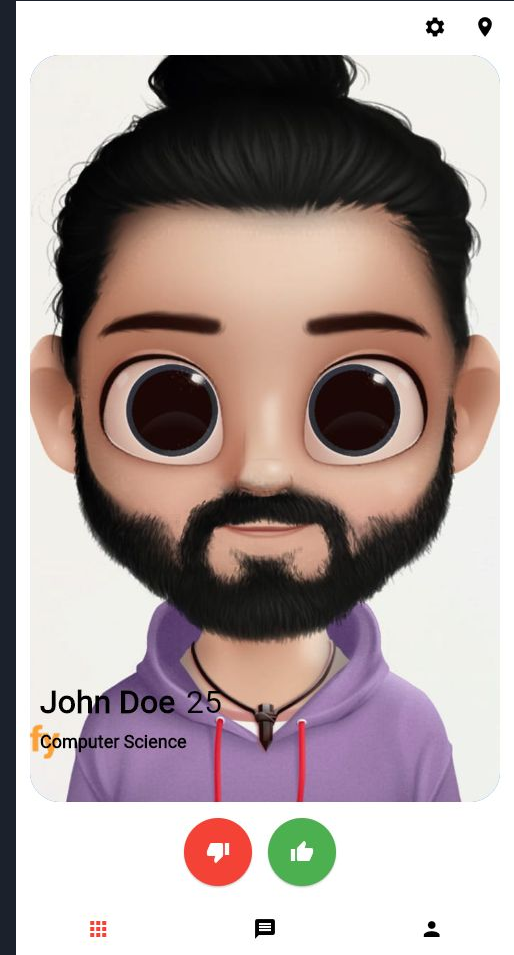
Feed Page

Implemented User Stories

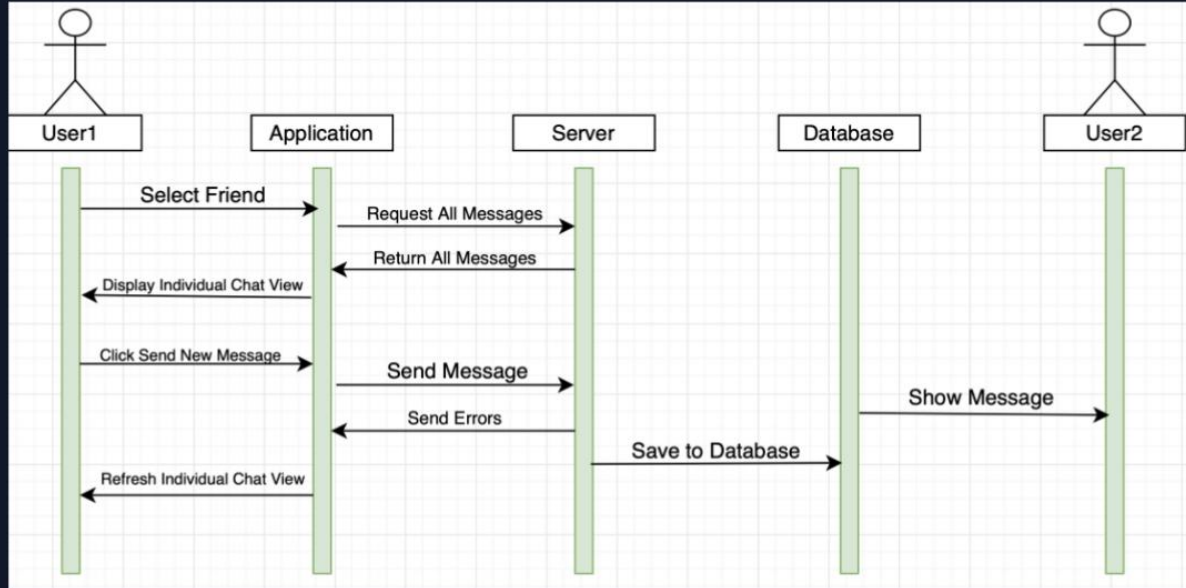
- Name, age and major displayed in the profile.
- Like and Dislike Button.
- Image list displaying all the images from the user.

To do

- Connect everything to the database and update the info displayed as the user likes and dislikes other users
- Add settings button functionality
- Add real time location button functionality



Chat Message Sequence Flow



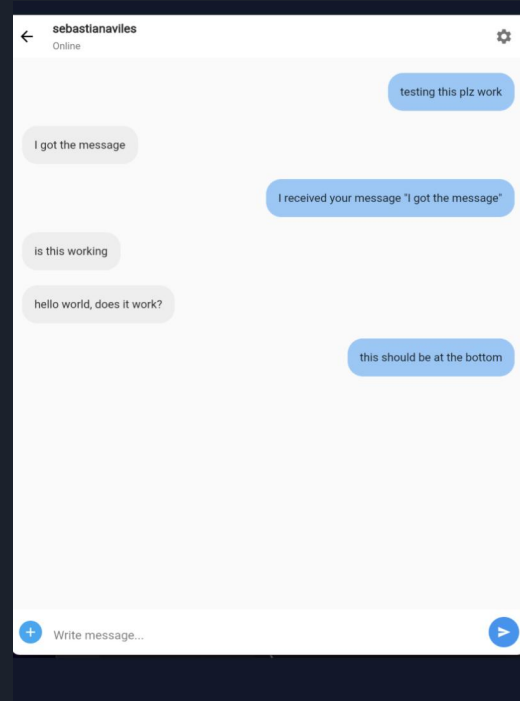
Chat feature

Implemented User Stories

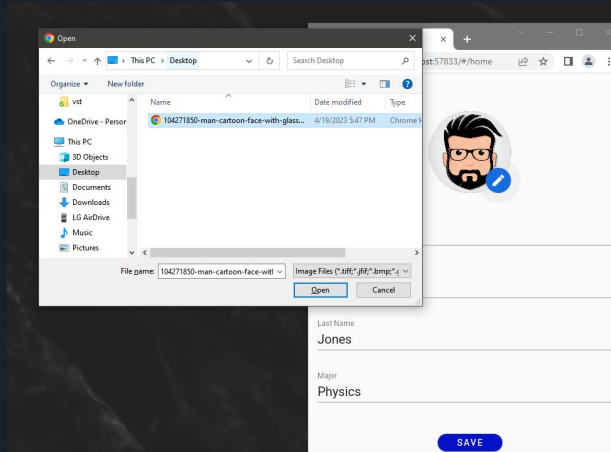
- User is able to send messages towards other users
- User is able to have multiple chats

To Do

- Configure UI to be more Appealing



Profile/Edit Profile Page



Edit Profile



Username

testman11

First Name

Steven

Last Name

Jones

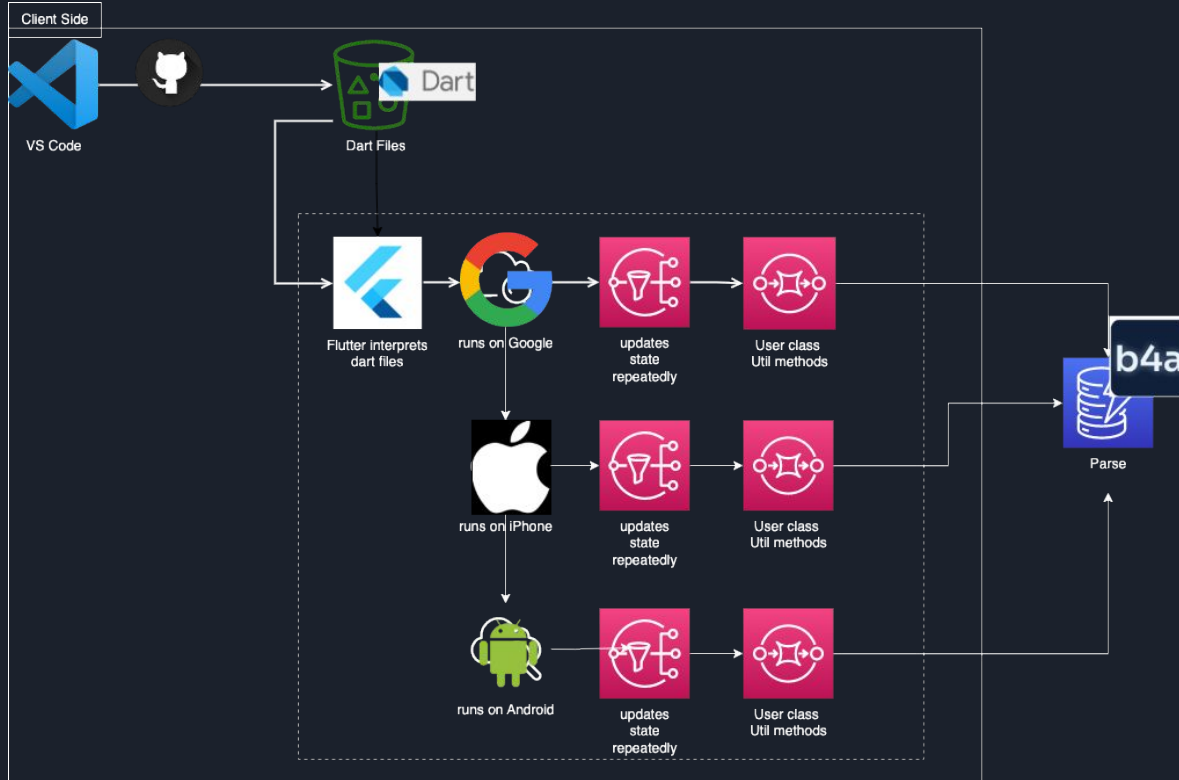
Major

Physics

SAVE



System Definition & Design



Language



Compiled onto
framework



client-side
operating
system



Summary

- With our application, we hope to improve the social lives of multiple University students from all backgrounds, while continuing to develop the app to incorporate multiple quality of life features
- If you have an question please feel free to contact us at the following emails
 - Sebastian Aviles - Sebastian.aviles1220@gmail.com
 - Rebeca Gonzalez - rgonz522@fiu.edu
 - Arquimedes Cala - arkiical@gmail.com
 - Justin Venegas - jvene009@fiu.edu
 - Rogelio Lopez - cabrera9806@gmail.com
- Thank you