

Florida International University – Sprint 4 Backlog Grooming Meeting Minutes

CIS4951 Date: 10/21/24

Time Began: 7:30 Time Ended: 9:00

Attendees: Christopher Alfonso, Alexander Delgado, Nicholas Garcia, Alex Sebastian Jong A Kiem, Rodrigo Lopes

Absent Members: None

A Software Application for Generating Geospatial Format Files from Geotagged Digital Media

After discussion, the velocity of the team was estimated to be : 6 user stories each. (When we begin development)

23 Points

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

- **User Story U01 (3 pts):** Research how to use Google Maps Java Script API.
- **User Story U02 (5 pts):** Create React components for the home page
- **User Story U03 (5 pts):** Implement react frontend.
- **User Story U04 (5 pts):** Set up backend to frontend connection using Axios. ● **User Story U10 (2 pts):** Research technologies for frontend integration with the geotagged image input.
- **User Story U5 (3 pts):** Implement the API connection for handling geotagged image metadata. ● **User Story U6 (5 pts):** Implement the backend functions for image processing and KML/KMZ generation.
- **User Story U17 (3 pts):** Set up the frontend to display geotagged images and allow for user annotations.

Completed Stories:

- **User Story U02 (2 pts):** Research Spring boot, React-native, react navigation ● **User Story U03 (3 pts):** Implement error handling in the backend
- **User Story U04 (2 pts):** Implement input validation in the backend
- **User Story U11 (3 pts):** Plan and design the full application architecture including backend, frontend, and API connections.
- **User Story U12 (2 pts):** Research how to export and manage KML/KMZ files for annotated geotagged images.

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

- **Christopher Alfonso:** U05, U07, U08,U09,U10,U14,U15
- **Alexander Delgado:** U05, U06, U07,U09.U10,U11,U14,U15
- **Nicholas Garcia:** U05, U06, U07,U09,U10,U11,U12,U13
- **Alex Sebastian Jong A Kiem:** U05, U07, U08,U09,U10,U14
- **Rodrigo Lopes:** U05, U06, U07,U0,U10,U11,U12,U13