EE/CprE/SE 492 Bi-Weekly Report #02

Reporting Period: September 17 - September 27

Group Number: 05

Project Title: Global Reiman Butterfly App

Client: Nathan Brockman (mantisnb@iastate.edu)

Advisor: Ashraf Gaffar (gaffar@iastate.edu)

Team Members:

Bailey Wanders
Samuel Sells
Johann Guepjop Megaptche
Caleb Donavon

Weekly Summary

This reporting period, the team worked on data migration. All members contributed to investigating several potential methods and discussing which method would best fit the situation. The team encountered issues when it came to finding database endpoints which are necessary for the migration, and reached out to the advisor in regards to this issue. Team members also reached out to the client in order to discuss budgeting and funding these potential migration methods.

Accomplishments From Past Week

- Complete set up of local environment, which includes a local environment for the target database. Documentation created for that process. Reached out to client to discuss budget for possible migration services - Bailey
- Refactored app to better support our initial design structure -Sam
    - Moved parts into their own components

- Switched to a dynamically loaded set up so certain components will only load after a user has logged in
- Helped research local environment issues as well as database migration- Sam
- Added a navbar to complete the navigational functionality of our application- Sam
- Looked into user hierarchies and planned how to load a user's park page based off of information passed back from AWS Cognito.
    - Pass functions to components as they are loaded with a sign in promise to grab the information only when the component is loaded - Sam
- Set up pages with basic features to link to each other. Started at looking at design for the admin pages. - Caleb
- Work on migrating data from old mysql database to new aws dynamodb. - Johann
- Calculate estimated price for data migration. - Johann

Pending issues (if applicable)
- The team needs to investigate data migration methods and possible funding.
- The team needs to continue the migration process or if we cannot we need to set up the backend environment to mimic that of the production server to better move forward with our admin page functionality

Individual Contributions

Name	Individual Contributions	Hours This Week	Hours Cumulative
Caleb Donavon	Finish getting local environment setup, start working on admin page	6	23
Johann Guepjop Megaptche	Worked on Migrating data from old database to AWS Dynamo, research for migration pricing	10	25
Samuel Sells	Refactoring, research, navigation	8	30
Bailey Wanders	Email Communications, set up local environment, data migration	7	24

Plans For the Upcoming Week

The team plans to discuss budget and funding with client in regards to data migration. The team will continue their efforts on migrating data, setting up user privileges, and creating pages for the site.

Weekly Advisor Meeting Summary (If applicable/optional)

The team did not meet with Professor Gaffar during this reporting period.