

## **EE/CprE/SE 492 Bi-Weekly Report #03**

**Reporting Period: September 28 - October 11**

**Group Number: 05**

**Project Title: Global Reiman Butterfly App**

**Client: Nathan Brockman ([mantisnb@iastate.edu](mailto:mantisnb@iastate.edu))**

**Advisor: Ashraf Gaffar ([gaffar@iastate.edu](mailto:gaffar@iastate.edu))**

### **Team Members:**

**Bailey Wanders**

**Samuel Sells**

**Johann Guepjob Megaptche**

**Caleb Donavon**

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### **Weekly Summary**

During this reporting period, the team began implementation of the admin page functionalities. This includes adding a butterfly to the database and viewing, adding, importing, and exporting shipments. The team also presented for their first PIRM meeting, and received feedback from other teams. The client was also contacted regarding funding for the migration services needed to transfer databases.

### **Accomplishments From Past Week**

- Created GraphQL Schema -Sam
  - Created schema to interact with the API used to pull data from our DynamoDB database
  - Finalized our database hierarchy into Schema
- Created API call framework-Sam

- Using old test database create framework for new schema
- Tested framework (old data)
- Decided on data typing
- Moved API calls into its own react component - Sam
- Research AWS database migration and UserPool implementation - Sam
- Created Tables and dummy data on Dynamodb that fits our database diagram structure - Caleb
- Setup local environment for website development - Johann
- Started working on shipment import/export functionality - Johann
- Updated existing pages to match team-specified design guidelines - Bailey
- Worked on “Add Butterfly” admin functionality - Bailey

**Pending issues (if applicable)**

**Individual Contributions**

<b>Name</b>	<b>Individual Contributions</b>	<b>Hours This Week</b>	<b>Hours Cumulative</b>
Caleb Donavon	Created Tables and added some dummy data onto the dynamo db. Start working on the add shipments page.	7	30
Johann Guepjop Megaptche		25	
Samuel Sells	Research, schema, schema component, testing	8	38
Bailey Wanders	Styling pages to match prototype and style requirements, Worked on some admin page functionalities	8	32

**Plans For the Upcoming Week(s)**

Continue efforts on admin page functionalities, data migration, and building components.

**Weekly Advisor Meeting Summary (If applicable/optional)**

The team did not meet with Professor Gaffar this week.