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## EE/CprE/SE 491 WEEKLY REPORT 1

Jan 30 - Feb 6

Group 11

Flutr App

Client: Nathan Brockman (Reiman) Advisor: Dr. Diane Rover

### Group Members and Role:

- Amanda Friis: Note Recorder, Organizer
- Tayler Barnhart: Team Leader
- Nathan Geater: Full Stack (Emphasis on Back End)
- Alex Brown: Full Stack (Heavy Emphasis Front End)
- Muralikrishna Patibandla: Back End Development and Integration

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## **Weekly Summary:**

This past week has mainly been the group researching things and getting our bearings for what the client wants, and finding the best ways to accomplish our goals. We also had our first advisor meeting.

## **Past week accomplishments:**

- Amanda Friis: Attended advisor meeting. Researched recommendations for a meeting with our client regarding software requirements. Looked into and took notes on current system and how they are set up.
- Tayler Barnhart: Set up our gitlab and did some person research into their current system to find flaws. Was part of client meeting to talk general questions and his wants. Worked with group on Empathy map.
- Nathan Geater: Took part in meeting with our client and with our advisor. Went over general requirements for the project. Brainstorming.
- Alex Brown: Caught up with the rest of the groups by reading the meeting minutes. Some brainstorming. Helped with Empathy map.
- Muralikrishna Patibandla: Took part in our client and advisor meeting and got a basic idea of current systems, operations, and requirements at Reiman Butterfly. Examined the current applications and researched similar websites. Worked on the Empathy Map with the group.

## **Pending issues:**

- Amanda Friis: Continue planning and researching client requirement meeting. Expand my role beyond note taking and organization.
- Tayler Barnhart: Continue research
- Nathan Geater: Continue research and expand my role in the group.
- Alex Brown: Get more solid on my role, share findings with the group, continue research
- Muralikrishna Patibandla: Looking through past iterations and project repositories for the Reiman projects, getting a detailed list of requirements and limitations from the client with the group.

## **Individual contributions:**

<u>Name</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Amanda Friis	Research and notes on how to plan and execute a meeting with a client about requirements.	2	2
Tayler Barnhart	Gitlab Setup, Played around with current systems we will be replacing.	3	3
Nathan Geater	Research, experimenting with and understanding current system.	2	2
Alex Brown	Researched operating systems for the kiosk. Looked into different frameworks to build the application on.	2	2
Muralikrishna Patibandla	Examined current systems and workflows. Researched similar applications and websites.	3	3

## **Plans for the upcoming week:**

- Amanda Friis: Continue research on client planning. Investigate more on the backend issues they are having. Do research on alternate choices instead of AWS.
- Tayler Barnhart: On Vacation, But do some more research.
- Nathan Geater: Research on similar projects and on the past projects related to this one, help with github and planning goals.
- Alex Brown: Continue research and planning, work more with the overall group, share what I've learned.

- Muralikrishna Patibandla: Further research into similar projects, looking through past iterations and project repositories for the Reiman projects, getting a detailed list of requirements and limitations from the client with the group.

### **Summary of weekly advisor meeting:**

The team discussed a two-week sprint plan, documenting software systems, and creating a system for Reiman. We also discussed the Flutr application, which allows our users to record butterflies, display them for the public, and also discussed the shortcomings of the current version. We plan to make the app customizable for different locations and to decide on a platform to host it. We also discussed interviewing Nathan and having some functionality done by the end of the semester. The next steps include researching requirements meetings, sharing an empathy map with Nathan, splitting into roles, and scheduling a requirements meeting with Nathan.