

EE/CprE/SE 491 WEEKLY REPORT 10

Date: 11/14 - 11/21

Group Number: sdmay25-24

Project Title: IINSPIRE Survey System for STEM Undergraduate Research

Client &/Advisor: Dr. Diane Rover

Team Members/Role:

- Max Strater: Frontend
- Nick Pinnello: Backend
- Alex Moeller: Project Management/Misc.
- Charlie Moreland: Backend
- Matthew Bennett: Cloud
- Landon Gulotta: Cloud
- Isabelle Raghavan: Frontend

Weekly Summary

This week was packed with lots of small fixes, changes, and planning directives ahead of Thanksgiving Break. We got information regarding our final presentations and began planning out the information, topics, flow, and style of our presentation. The Cloud team continued talks with ETG to discuss an additional AWS account to allow for multiple IINSPIRE versions to be deployed at once.

Past Week Accomplishments

- Alex Moeller: Assisted the frontend team with implementing changes recommended from our meetings with outside sources. Continued project management/planning work on Jira.
- Max Strater: Worked on implementing UI changes from Aly and Naifa in figma.
- Nick Pinnello: Worked on backend structure for data usage and made slides for ethics and professional responsibility.
- Charlie Moreland: Worked on the backend structure to accommodate for new features requested by the University of Iowa. Created a file listing the priorities of features to be included to map out priorities next semester and implementation.
- Matthew Bennett: Worked with ETG to continue setting up AWS account and github account. Working on cost estimation for a new infrastructure layout.
- Landon Gulotta: Started looking into the cost for the cloud infrastructure as well as got added to the aws email list. Looked into setting up our git repo that will be lasting after we are done with this class. Additionally worked on slides and other assignments for this class.
- Isabelle Raghavan: This week Max and I worked on implementing the UI suggestions from Aly and Naifa into our final design

Individual Contributions

| <u>NAME</u> | <u>Individual Contributions</u> | <u>Hours this week</u> | <u>HOURS cumulative</u> |
|-------------|--|------------------------|-------------------------|
| Nick | Worked on slides and other assignments for this class. Planned out backend stuff for presentation after the break | 6 | 66 |
| Alex | Assisted the frontend team with implementing changes recommended from our meetings with outside sources. Continued project management/planning work on Jira. | 6 | 66 |
| Matthew | Continuing ETG infrastructure and Github setup, looking into Github Actions | 6 | 60 |
| Isabelle | This week Max and I worked on implementing the UI suggestions from Aly and Naifa into our final design | 6 | 60 |
| Charlie | Mapped out backend features and effects on data the web app is collecting. Worked on presentations for this week. | 6 | 66 |
| Landon | Looked into the cost for the cloud infrastructure. Starting looking into git to set up our repo and CI/CD. | 6 | 60 |
| Max | Worked on implementing UI changes from Aly and Naifa in figma. | 6 | 60 |

Plans for the Upcoming Week

- Nick Pinnello: For the week after break I plan to have a working demo for the backend structure, or at least a visual to show off how the backend will store data for our final presentation.
- Alex Moeller: Help Nick create initial designs for slides and create a presentation plan (who says what, what info do we want to share).
- Matthew Bennett: Continue working with ETG on getting AWS infrastructure set-up and getting a Github setup
- Charlie Moreland: Will be working with Nick to develop some demo for our backend architecture. Want to continue to update and modify the database schema diagrams.
- Landon Gulotta: Aiming to work on the project presentation with the team. Also want to create new ECS instances to connect to the database for our project.
- Max Strater: For the week after thanksgiving break im going to finalize our figma design and work on the final presentation
- Isabelle Raghavan: The week after break I plan to prepare for our final presentation with our group.

Summary of Weekly Advisor Meeting

We did not meet with Dr. Rover this week as some of us were unavailable however, as a team, we talked about our plans for the final presentation after break.