

## ***EE/CprE/SE 491 WEEKLY REPORT 6***

***Date: 10/17 - 10/24***

***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**

Our group met with current IINSPIRE students to get live feedback about last year's project features, functionality, survey-taking experience, and survey results. We compiled a list of this feedback to convert into epics/stories when our team is ready for development.

## Past Week Accomplishments

- Alex Moeller: Met with current IINSPIRE students to gather feedback about the current platform. Compiled a comprehensive list of feedback to turn into epics/stories for development and continued Figma designing.
- Max Strater: Attended User Design study and got valuable user feedback on the current app. Continued to work on Figma redesign. I also worked on the design document.
- Nick Pinnello: Worked on the design document and planned more of the backend components we want to add. Attended meetings with users to get feedback from previous groups' prototypes.
- Charlie Moreland: Finished a final version of the database schema in a document highlighting the table relationships and what tables will be needed to support different functionalities. I worked on our lightning talk presentations and practiced my slides to prepare for Tuesday's class.
- Matthew Bennett: We started getting the department to create a new AWS account for us. Attended User Design study and gained insights from friction points in the past iterations version of the app. Worked with team members to address these issues in the Frontend, Backend, and Infra.
- Landon Gulotta: Went to the IINSPIRE student survey and gained feedback from students who took the survey. Started contact with ETG for a new AWS account. Got in contact with
- Isabelle Raghavan: I got feedback from students in the IINSPIRE program about the survey to influence our new front-end design. Worked on the Design document and presentation slides.

## Pending Issues

- Charlie: Until the previous AWS account credentials are found it will not be possible to set up a local sandbox environment of the previous team's Web App. We need to have a local version of the SQL database that we can only get from the AWS account.
- Matthew: need to figure out who in the ETG to contact about getting an AWS account. We are still determining what we will need to do to prove that we need the new stuff, as it costs money. Also have no idea if they will continue to pay for last year's account once we have ours up and running, as this app is supposed to be supported long-term.
- Landon Gulotta: I am still waiting to hear back from Nate from the previous project for old AWS credentials. Need to figure out who we need to contact in ETG for the new AWS account and credentials.

## Individual Contributions

NAME	Individual Contributions	Weekly Hours	Hours Cumulative
Nick	Created backend diagram for design doc detailing the breakdown of backend code and project structure.	6	40
Max	I attended the user design study and got feedback on what users would like to have in version 2. Created new designs for the survey, login, and admin dashboard page with Alex and Isabelle	7	43
Matthew	Created Cloud section for Design Doc, Attended the User Design Study, Worked on getting AWS account setup	6	30
Isabelle	Got feedback from students in the IINSPIRE program about the survey to influence our new frontend design. Worked on the Design documents and presentation slides.	6	40
Charlie	Finished the first version of the database schema, worked on lightning talk presentations, practiced presentation, and started compiling future features and their priorities.	6	42
Alex	Met with current IINSPIRE students to gather feedback about the current platform. Compiled a comprehensive list of feedback to turn into epics/stories for development. Continued Figma designing.	6	43
Landon	Worked on the cloud section for the design doc. Talked with the advisor as well as looking into getting the new AWS account set up. Contacted previous member as well as advisor for old AWS login credentials.	6	42

## Upcoming Week Plan

- Nick Pinnello: Prepare for an in-class presentation about the detailed design of our project. Get access to previous groups' database system so we can see the content of the quizzes and questions.
- Alex Moeller: Continue work on Figma. Convert student feedback to actionable development items. Prepare and practice the live lightning talk presentation for Tuesday.
- Matthew Bennett: contact ETG member about getting an AWS account set up and hopefully start provisioning cloud stuff
- Isabelle Raghavan: Work with Max to establish clear milestones for the rest of the semester. I also plan to work on finishing the Figma design and creating our in-class presentation.
- Charles Moreland: Pending the AWS credentials I would like to set up a working sandbox environment of the previous team's web application. Start to finalize the document containing extra features and their priorities. Schedule a meeting with the University of Iowa researchers to continue to collect user requirements.
- Landon Gulotta: Contact ETG regarding a new AWS account. Talk to Nate from the previous group to see if he knows or can find the old AWS credentials so we can look into their cloud setup for the project. Additionally, I am looking to finalize cloud plans for the project. Prepare for the upcoming lightning talk presentation.
- Max Strater: focus on finishing the Figma redesign and prep for the in-class presentation

## Weekly Advisor Meeting Summary

- Discussed new titles for user roles.
- Discussed which features and functionalities should be included in the MVP of version 2 (our initial design/prototype)
- Developed admin dashboard info and features