

## ***EE/CprE/SE 491 WEEKLY REPORT 5***

***10/10 - 10/17***

***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 focused primarily on the Figma design for the frontend team. Between gathering of colors, ideas, templates, images, logos, etc. this process took nearly all of Max, Isabelle, and Alex's time this week. The cloud team drew up the initial flow of the project. We researched more into the new applications we will be using for the project. We are also still waiting on AWS credentials and new account availability.

## **Past Week Accomplishments**

- Alex Moeller: Gathered various colors, logos, and images to be used in Figma. Created Figma design for the landing page with Max and Isabelle. Developed a better weekly report template (less weird bullet points and removed all instructions). Confirmed meeting and agenda for Monday meeting with INSIGHT students.
- Max Strater: Used the notes I took on the old frontend design and started implementing those new changes and ideas into the Figma redesign with Isabelle and Alex. Got a new design for the home screen and a solidified color and design system.
- Nick Pinnello: Created a backend document about possible improvements we can make. Decided that improved testing and database management would be important for the backend team to work on.
- Charlie Moreland: I set up the project's gitlab with an archive file of the previous group existing code. Worked on the lightning talk presentation for User Needs and Requirements. Developed a document for the initial Database table schema building off of what the previous group had done. Continued to work through NodeJS tutorials and created a document outlining the file structure and purpose of the previous backend architecture.
- Matthew Bennett: Used the finalized cloud document to break down the creation of infrastructure into individual tasks. Gave comments on Figma design. Researched possible CI/CD solutions
- Landon Gulotta: Worked with Front-end and gave feedback on the Figma design for the project. Took a deeper look into the cloud workflow and the applications we are planning on using. Also did more research into NextAuth to understand how we will be implementing it.
- Isabelle Raghavan: worked with Alex, Max and Landon on our new website UI using Figma, as well as creating a new user flow diagram. Looked into Chakra templates for several UI components

## **Pending issues**

- Nick Pinnello: After looking into the structure of the backend more, we found that it may be challenging to test all aspects of the backend code since the last group only used Postman to test locally. We plan to do more research and experiment with different ways to test.
- Matthew: will need advisor to setup new AWS account for us and make sure that the associated costs will be ok
- Landon: Still have the issue with the AWS account login and new account.

**Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b> <i>(Quick list of contributions. This should be short.)</i>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Nick Pinnello	Research for backend testing. Worked on slides for user needs and requirements.	6	36
Alex Moeller	Gathered various colors to be used in Figma. Created Figma design for the landing page with Max and Isabelle. Developed a better weekly report template (less weird bullet points and removed all instructions). Confirmed meeting and agenda for Monday meeting with INSIGHT students.	7	37
Max Strater	Worked on the Figma redesign using the notes I took on frontend improvements with Isabelle and Alex	6	36
Landon	Worked on the new website UI with frontend. Looked more into the cloud work flow and did research on NextAuth.	6	36
Isabelle	Worked on our new website UI using Figma, as well as creating a new user flow diagram. Looked into Chakra templates for several UI components	6	36
Charlie	Set up Projects GitLab, and pushed legacy code to the archive file. Developed a document outlining the backend file architecture. Started a document for the database table schemas.	6	36
Matthew	Made individual task sections using cloud Diagram. Figma Diagrams. CI/CD research	5	35

## **Plans for the Upcoming Week**

- Nick Pinnello: I plan to set up the previous groups' testing environment to test what they had locally and see what needs to be changed. Also, what new tests need to be added.
- Alex Moeller: I plan to continue testing out designs and flows for the frontend portion of the project. Additionally, I will continue developing Figma wireframes and coming up with ideas for additional screens or UI improvements. Finally, I will schedule meetings with the current INSIGHT students and lead communication with the SD team.
- Max Strater: I will continue on the Figma redesign until we have a new design for every possible page and I am also going to be attending the LSAMP IINSPIRE student meeting.
- Charlie Moreland: I will help edit the Figma design based on any feedback received from the student interviews. Continue to add to the database schema document outlining what tables the backend will need. I will work on our slides for the lightning talk and prepare to present in front of the class.
- Matthew Bennett: working on slides and setting up a initial git repository
- Isabelle Raghavan: Plan to attend the meeting with IINSPIRE students next Monday to get student feedback on the survey. I will also help finish the slides for our lightning talk and practice our presentation with the group.
- Landon Gulotta: I plan to help with setting up our git repository and transferring some of the code we need from the old project. I also would like to look more into security measures our app could use. Plan to attend the LSAMP IINSPIRE student meeting.

## **Summary of Weekly Advisor Meeting**

Dr. Rover was out of town for this week's meeting.

Instead, a group of us met at the library to work on the Figma designs for the design document assignments. We also had our normal group meeting to work on lightning talk slides, our presentation, continue the Figma design, and finalize this Report 5 document.