

EE/CprE/SE 4920 Status REPORT 1

Date: 1/23 - 1/30

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 first week was spent primarily planning out new meeting times for our group and establishing our initial semester goals. Kev and Landon discussed Cloud architecture issues and devised a plan for future Cloud steps. They also get access to the database for the backend team.

Past Week Accomplishments

- Alex Moeller: Revisited Jira and discovered that it is now blocked for ISU accounts... This means I will need to transfer stories/planning items to a new platform.
- Max Strater: Logged into the new github repository and started planning out work for the upcoming semester
- Nick Pinnello: Logged into GitHub repository and talked with team about the plan for this semester. Received database passwords from the cloud team.
- Charlie Moreland: Read through AWS setup guide and logged into AWS as well as the Github Repo. Discussed Backend planning with Nick.
- Matthew Bennett: Meet up with landon and dived into the cloud account. Identified errors with RDS to EC2 connection and how the last team was managing deployments. Logged into previous RDS instance and got a snapshot of the DB to pass off to the DB team. Setup all team members on Gitlab.
- Landon Gulotta: Started working on a cloud plan with Matthew as well as going into AWS and starting to revise some of the previous work that was done. Also set up and shared the GIT Repository with the rest of the team so we can all begin work. Additionally was able to get into the previous teams database and export the old data for the backend team.
- Isabelle Raghavan: Refamiliarized myself with the previous team's architecture for front end to prepare for our transition to next.js.

Individual Contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Nick	Logged into GitHub repository Talked with team about the plan for this semester Received database passwords from the cloud team.	1	1
Alex	Revisited Jira and discovered that it is now blocked for ISU accounts... This means I will need to transfer stories/planning items to a new platform.	1	1
Matthew	GIT repo setup, DB snapshot, Exploring other teams AWS account	5.5	5.5
Isabelle	Refamiliarized myself with the previous team's architecture for front end to prepare for our transition to next.js	1	1
Charlie	Infrastructure setup for github and AWS	2	2
Landon	Got the GIT Repo set up for all members, Previous team database export, explore previous team AWS setup/platform.	5	5
Max	Logged into the new github repository and started planning out work for the upcoming semester	1	1

Plans for the Upcoming Week

- Nick Pinnello: Read through the AWS setup login to that and discuss with Charlie how we are going to set up our schemas for the backend.
- Alex Moeller: Find a new project management platform to host our stories, goals, timelines, etc.
- Matthew Bennett: Try and setup a new vpc so we are not blocked with setting up new aws resources the getting our connections setup
Charlie Moreland: Meet with Nick to plan Backend Milestones for the semester. Start setting up Schemas on prisma and get a local nodejs sandbox server on my computer.
- Landon Gulotta: Hopefully set up a new VPC to work off until we can tear down the old one. If we can get that going work with the connections between the subnets, IP gateway, internet gateway...
- Max Strater: Start getting the React app set up and start working on the first components of our redesign.
- Isabelle Raghavan: Plan to meet with front end team to plan out stories and divide tasks between members. Then I will start on my first task.

Summary of Weekly Advisor Meeting

N/A - Did not meet last week (first week of semester). We are currently looking for a time that works for our group and Dr. Rover.

Wednesday at 2:30