

EE/CprE/SE 491 Bi-Weekly Report

1/26/2024 – 2/9/2024

Group number: SDMay24-05

Project title: ResumeUp

Client &/Advisor: Elmin Didic

Team Members/Role:

- Elmin Didic - Client | Project Manager | Developer
 - Nick Thomas - Backend Developer | Database Developer
 - Nedim Hodzic - Backend Developer | AI Infrastructure Engineer
 - Nathan Boldt - Frontend Developer | AI Prompt Engineer
 - Mitchell Talyat - Full Stack Developer | Database Developer
 - Siddharthan Prakash - Full Stack Developer | Cloud Engineer
 - Simanta Mitra - Advisor
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- **Weekly Summary** This weekly summary we discussed and layout a plan for the upcoming semester. This included Goals, Timeline, and other questions the group had. In general the team feels more comfortable going to the semester prepared to create the best product we can. This set a plan to have the developer environments set up to start developing as late as next week. A change made to the project was understand that Professor Mitra who was our first semester advisor. As a team we feel prepared to take on this semester and are excited to get building!
 - **Past week accomplishments**
 - All work this week was done together as a group during our kickoff meeting for the semester. We discuss plans to setup a developer environment and the discussion of using a Dev Container to reduce issues with hardware compatibility. We also discussed and drew up a preliminary AWS Architecture diagram, which can be found [here](#). We will continue to iterate on this design as learn more about best practices and consult developers in the field.
 - **Pending issues**
 - The issue we have is future funding for this project for our Amazon Web Services bill and our OpenAI API Credits. We plan to email the Professors Gelli and Fila
 - **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Elmin Didic	Group Meeting	1	1
Nick Thomas	Group Meeting	1	1
Nedim Hodzic	Group Meeting	1	1
Nathan Boldt	Group Meeting	1	1
Mitchell Talyat	Group Meeting	1	1
Siddharthan Prakash	Group Meeting	1	1

○ **Comments and extended discussion**

We discussed if we need a advisor and we spoke that we still have Professor Mitra to talk to and meet with as them stated to us previously.

○ **Plans for the upcoming week**

- Elmin Didic: Continue to research into AWS and find best practices for the application we are creating. Set up Khanban Board, Developer Environment and Email Professors
- Nick Thomas: Research AWS Amplify and how it uses GraphQL to connect either a S3 Bucket or DynamoDB
- Nedim Hodzic: Look into the newly researched ChatGPT training provided by OpenAI
- Nathan Boldt: Start designing mockups for React components to use this semester
- Mitchell Talyat: Pair up with Nick Thomas on database research
- Siddharthan Prakash: Pair up with Elmin Didic on AWS best practices and deployment

○ **Summary of weekly advisor meeting**

Discussed best practices on keeping a good communication flow between him and the team. Decided on weekly progress videos and a physical binder documenting design and progress reports