

EE/CprE/SE 491 WEEKLY REPORT - sdmay25-05

October 17, 2024– October 23, 2024

Group number: 05

Project title: Media Search Engine

Client: Henry Bremers (hbremers@gmail.com),

Advisor: Ashfaq Khokhar (ashfaq@iastate.edu)

Team Members/Role:

Nguyen Do — Team organization

Lim Edmund Y — Client Interaction

Niharika Pathuri — Documentation

Varun Reddy Yeduru — Individual component Design

Eshanth Reddy Chinthareddy — Testing

Weekly Summary:

This week, our team is focusing on planning, setting milestones, and deadlines for each task in the decomposition task table. We are also continuing to communicate with the client and advisor to define specific tasks for the new week, which include exploring the second repository that the client has granted us access to (Admin).

Past Week Accomplishments:

- Edmund Lim
 - Explored the codebase and accessed the client's database.
 - This helped me understand how data is used in the media search engine project and shows the database's importance.
 - Continued research on C/C++.

- Worked on the Lightning Talk presentation slides. Although we didn't present this week, I helped prepare the slides.
- Contributed to the design document of requirements.
- Maintained communication with our advisor and the client.
- Nguyen
 - Nguyen has identified several risks that the project may encounter, such as:
 - Data Inaccuracy and Latency
 - Solution: Schedule frequent updates with real-time data feeds from trusted sources.
 - System Downtime or Failure
 - Solution: Implement continuous monitoring with alert systems for proactive maintenance.
 - Data Security and Privacy Breaches
 - Solution: Hide sensitive information from the front-end.
 - Integration Challenges with Existing Systems
 - Solution: Upgrade the old system to Angular 17-18.
 - Help the team finish the slides about Project Planning.
 - Collect requirements and constraints for project documentation.
 - Learn more about Angular 17: Nguyen spent more time studying Angular 17 for upcoming tasks.
 - Keep contact with client: Nguyen spent 1 hour contacting clients to gain access to the second admin repo on Github.
- Niharika
 - made sure that all conversations and tasks were accurately documented at team meetings and client encounters. helped prepare pertinent slides and organize the information for the Lightning Talk presentation on User Needs and Requirements. conducted research on frontend development, concentrating on Angular 17, in order to acquire knowledge for future frontend projects. Project requirements were reviewed to make sure they matched user needs and that the documentation accurately represented the team's system knowledge.
- Varun:
 - Collaborated with the team to work on Lightning Talk 4, which focused on project planning, and contributed to Design Document Part 2, specifically covering requirements.
 - Met with the clients, gained access to the codebase after resolving previous access issues.
 - Looked into the codebase to familiarize myself with its structure and functionality.
 - Focused on understanding Angular and enhancing my skills with the framework.
- Eshanth:
 - code base: I have gained access to the github repository. Understood the relations between components and I started setting up the project on my laptop. Gained how angular is used overall in the project.
 - Contributed with lighting talk project planning and design documentation part 2

- Contribute to User Needs and Requirements powerpoint slide: help team finish the slides with more pictures and information.
- Actively participated in meetings with clients and went over things that need clarifications.
- Made a list of things that need to be mitigated because of the Angular upgrade.

Pending Issues:

- Need more looking into github repos to understand our strengths and weaknesses

Individual Contributions:

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Edmund	<ul style="list-style-type: none"> ● Studied codebase/ client's database, assignments, and meeting 	5	22
Nguyen	<ul style="list-style-type: none"> ● Identify risks and risks management for the project, collect requirements and constraints for the project documentation, study source code, contact with client 	6	23
Niharika	<ul style="list-style-type: none"> ● Recorded client and team meetings. helped with the presentation on user needs and requirements. investigated Angular 17 for front-end programming. checked that the project requirements matched the needs of the users. 	5	22
Varun	Gained deeper insights into the project after attending the client meeting, collaborated on product planning and requirements assignments.	4	20
Eshanth	Done more research on project	4	18

Plans for Upcoming Week:

1. Explore the second repo on gitHub (Admin)