

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

Apr 3rd – Apr 17th, 2025

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:

Over the past two weeks, the team continued making strong progress toward finalizing key features of the Media Search Engine. Meetings were held with the ASU team to coordinate the transition of remaining work as the semester wraps up. Additionally, team members met with the client and TA to confirm the scope, check in on progress, and update final documentation accordingly.

Past Week Accomplishments:

1. Edmund Lim
 - The email alert is working when the user gets approved for a demo request.

- Merge all the work onto master.
 - Looking into updating the readme file.
2. Nguyen
 - Meet with the ASU team to hand over the next tasks as the team's semester comes to an end.
 - Meet with clients to confirm project's scope and final documentation
 - Revise and update document based on the current progress
 - Meet with TA for progress check in.
 3. Niharika
 - Worked on the Ad-component alongside Varun and Eshanth for public user access.
 - Helped implement conditional UI layouts based on user roles.
 - Updated project documentation to reflect recent feature additions and progress.
 4. Varun:
 - We met with the clients and talked about different testing options for the application.
 - We also discussed using AWS for integration, but we're not sure we'll have enough time to fully implement it during this project.
 - It's still something we need to talk more about and possibly plan for in the future.
 5. Eshanth:
 - Collaborated with Varun and Niharika on the Ad-component for general public users.
 - Worked on resolving the JWT key issue that was causing login inconsistencies.
 - Contributed to designing conditional UI layouts based on user roles to improve the overall interface.

Pending Issues:

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"> ● Merged all work to master, email alert is working, working on readme 	8	74
Nguyen	<ul style="list-style-type: none"> ● Meeting with clients, TA ● Meeting with ASU team to hand over the tasks ● Update documents 	5	68
Niharika	<ul style="list-style-type: none"> ● Contributed to the Ad-component, helped define conditional UI rendering, and updated documentation to reflect latest changes. 	5	57
Varun	<ul style="list-style-type: none"> ● Worked on improving the structure of the application to make it more organized and modular, so that changes in one part don't break other parts. ● Faced several issues during implementation but continued refining the code. ● Met with the client and team members to align on goals and gather feedback. ● Also contributed by reviewing and updating documentation to reflect recent changes. 	3	51
Eshanth	<ul style="list-style-type: none"> ● Helped implement the Ad-component ● fixed JWT token issue ● worked on user role-based UI 	5	57

	layouts.		

Plans for Upcoming Week:

The team will begin testing core features across different user roles to ensure stability and correct functionality. Efforts will also focus on improving the overall performance and user experience of the application. Any remaining UI or backend issues will be addressed as we move closer to finalizing the project.