

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

Mar 12nd – Apr 3rd, 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

Nathan – Backend Design

Weekly Summary:

We have been put into contact with the ASU team. We have worked to make the website more functional and more presentable. We have integrated the 'reset search limit for guests' feature into the admin portal developed by the ISU-Dec24 team, and also modified the ad display features based on client feedback.

Past Week Accomplishments:

1. Edmund Lim

- Added button to reset guest search limit on admin page.
 - “Continue As Guest” now changed to “Apply for Demo with Ads” as per client requests, which takes the user’s email, and the Admin can approve it on the admin page.
 - Ads placement moved to the search results page to improve user experience.
2. Nguyen
- Fix bugs with user limit functionality
 - Research more about ad integration
 - Meet with clients and acknowledge the task to communicate with ASU team
 - Merge branch
3. Niharika
- Collaborated with Varun and Eshanth on developing the Ad-component for public users.
 - Helped design layouts for role-based conditional UI rendering.
 - Updated project documentation and ensured meeting notes were organized.
4. Varun:
- I researched best practices for improving web-based ad integration. I focused on performance optimization and user experience.
 - I reviewed the current ad integration logic in the codebase. I looked for areas where it could be refined or made more efficient.
5. Eshanth:
- Me, Varun Niharika, worked on an Ad-component which is going to be shown to the general public.
 - Made progress on JWT key error that has been taunting us for a while and resolved issues with the server.
 - Came up with impressive layouts we can use for conditional rendering of the UI components based on users role.
6. Nathan:
- Studied other contributions.
 - Brainstormed other additions.
 - Work with a mentor.

Pending Issues:

We must meet with the ASU team and collaborate on the project together. We will work together with their team to make the website more presentable, and combine our work on the project with the admin part of the project.

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 in all the commits I have to guest search reset button, approval button, and ads replacement.	8	66
Nguyen	<ul style="list-style-type: none">● Meeting with clients● Fix bugs in source code	6	63
Niharika	<ul style="list-style-type: none">● Collaborated on Ad-component for public users.● Worked on conditional UI layouts.● Updated documentation and tracked progress.	2	52
Varun	<ul style="list-style-type: none">● Researched best practices for web ad integration.● Researched best practices to enhance performance.● Focused on refining existing logic.	3	48
Eshanth	<ul style="list-style-type: none">● Came in contact with ASU team this week● Researched on how to Integrate the ad component better● Focused on making the application better	5	52
Nathan	Studied other contributions	5	15

	Brainstorm other additions Work with a mentor		
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Plans for Upcoming Week:

We will set up a meeting time with the ASU team this week and figure out a plan for possible recurring meetings and have a clear idea of how to combine our work and improve the site.