

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

Review Aggregator for Educational Programs

The Capstone Experience

Team Malleable Minds

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*From Students...
...to Professionals*

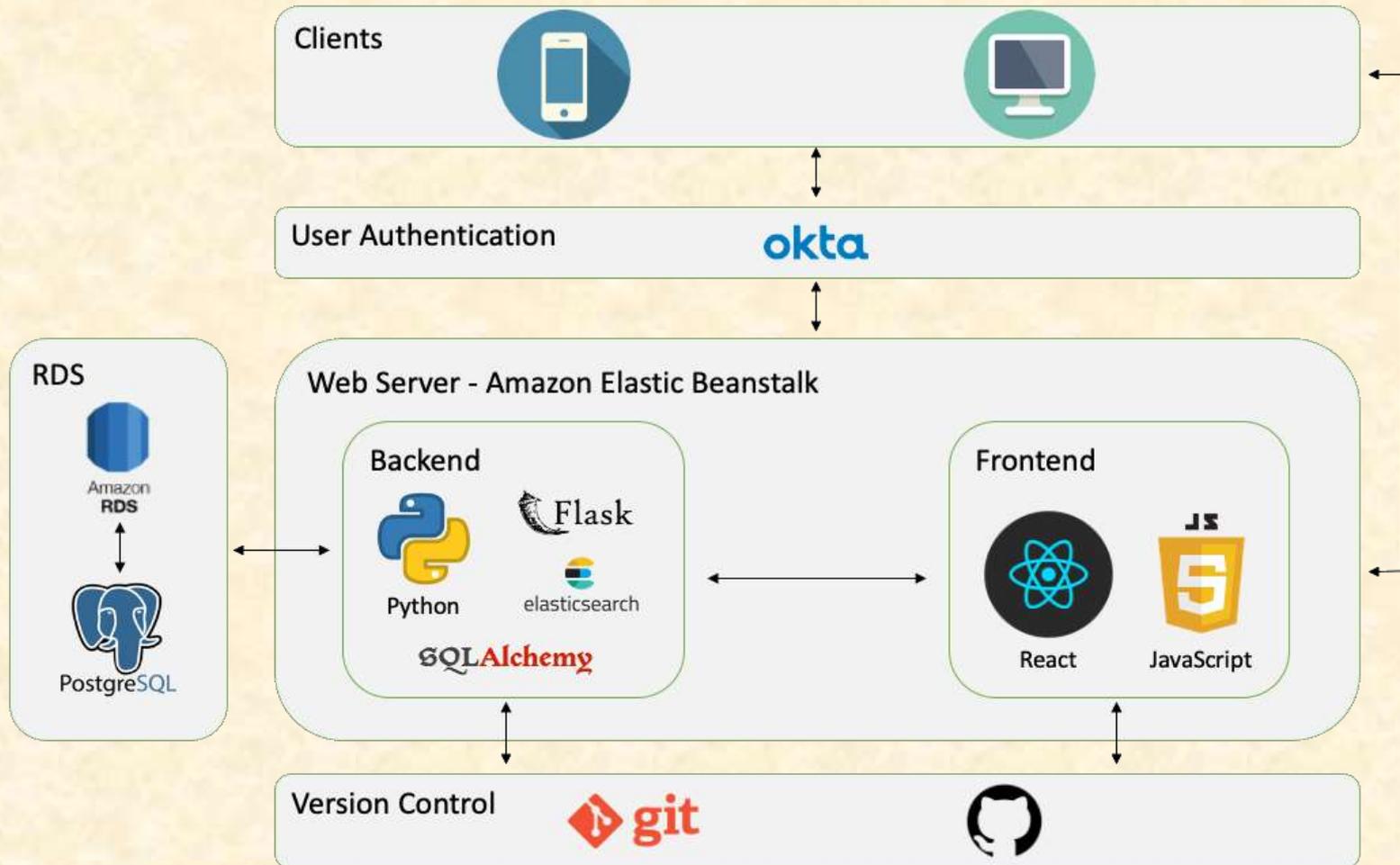
Department of Computer Science and Engineering
Michigan State University
Fall 2020

Project Overview

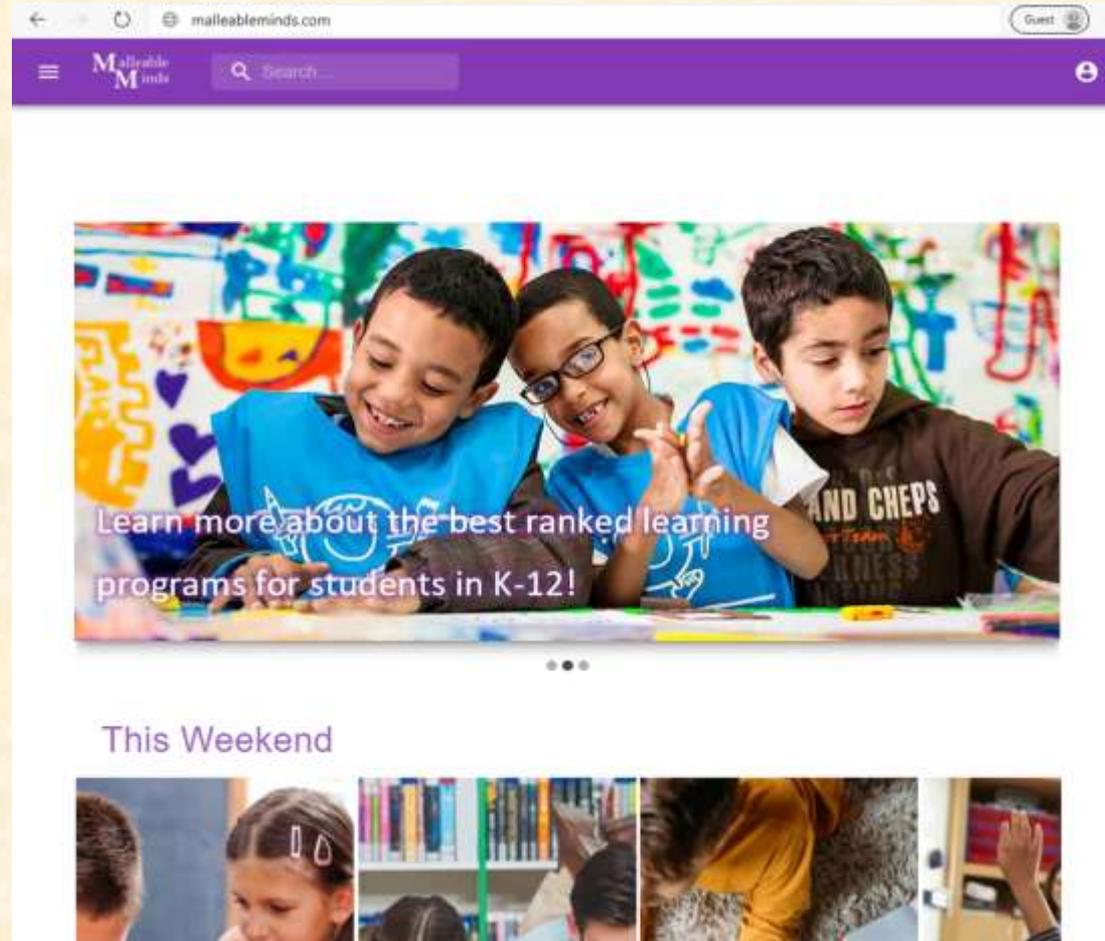
- Not easy to find extracurricular activities
- Optimal results are driven from having choices
- Our app allows users to easily search and compare activities
- Additional features
 - Follow
 - Like
 - Track



System Architecture



Home Page



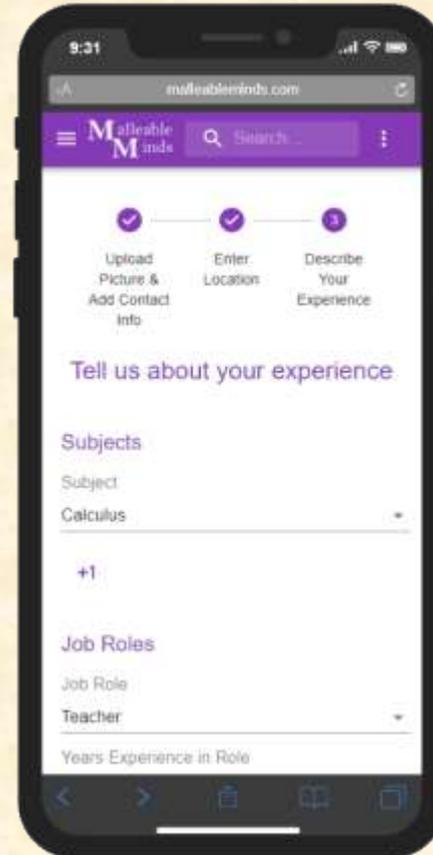
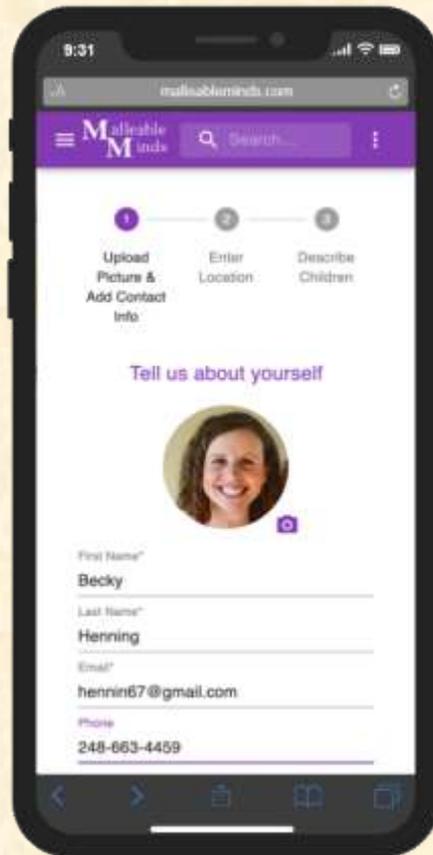
Program Details Page

The screenshot shows a web browser window with the URL malleableminds.com. The page features a purple header with the Malleable Minds logo and a search bar. The main content area is titled "DAPCEP Summer Camps! for Grades 3-12" and includes a banner image of four diverse students. Below the banner, the program name "DAPCEP Summer Camps for Grades 3-12" is displayed, along with the location "Detroit Area Pre-College Engineering Program, Detroit, MI". A "SUGGEST AN EDIT" button is visible. At the bottom, a table lists program details:

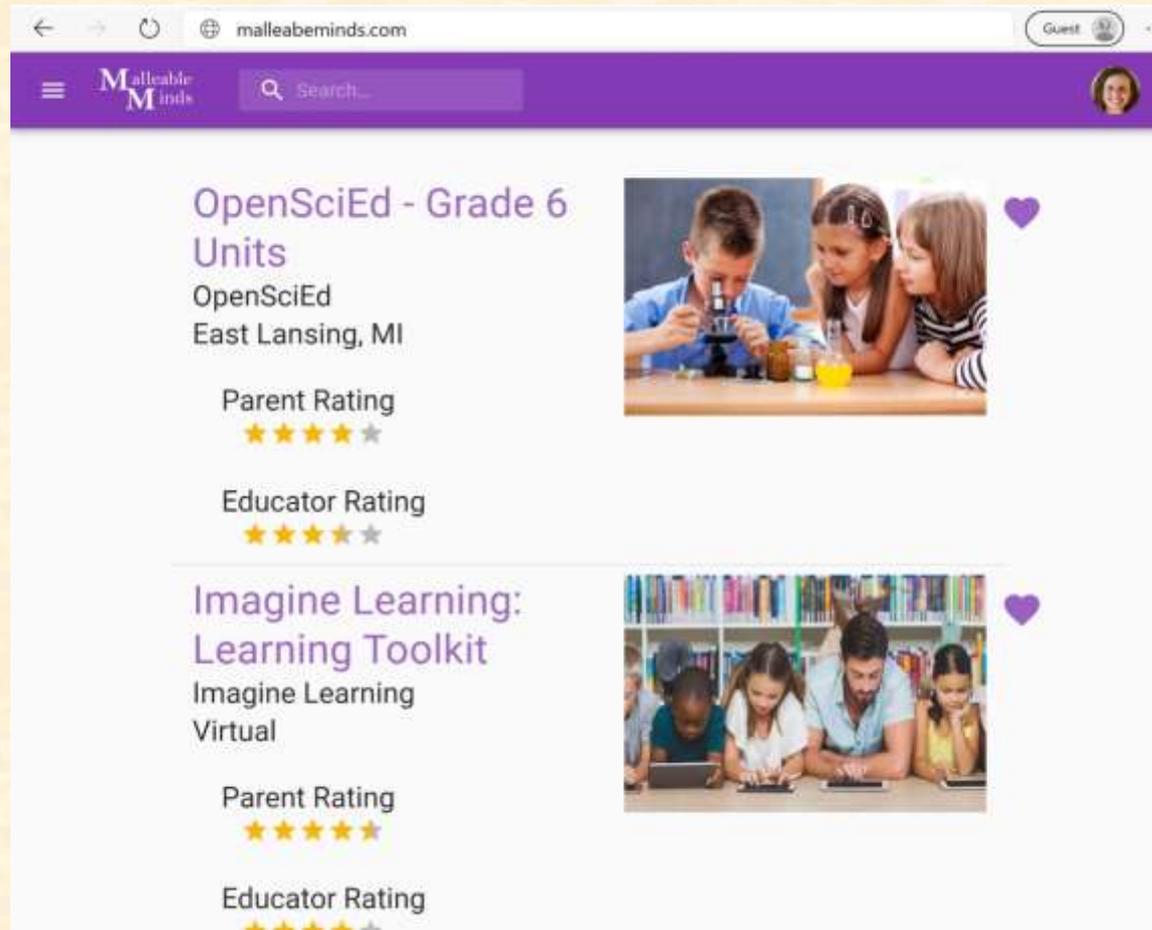
Grade Level	9
Program Type	Summer Camp
Cost	\$499
Scholarship Available	✓



Registration Information Pages



Likes Page



The screenshot shows a web browser at malleabeminds.com. The page features a purple header with the Malleable Minds logo and a search bar. Below the header, two educational resources are listed, each with a photo, title, location, and ratings.

OpenSciEd - Grade 6 Units
OpenSciEd
East Lansing, MI
Parent Rating: ★★★★★
Educator Rating: ★★★★★

Imagine Learning: Learning Toolkit
Imagine Learning
Virtual
Parent Rating: ★★★★★
Educator Rating: ★★★★★



What's left to do?

- Implement ElasticSearch
- Create notifications page
- Add review functionality
- Stress testing
- Error checking
- Manage push notifications
- Apply page filters



Questions?

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