

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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Fall 2021



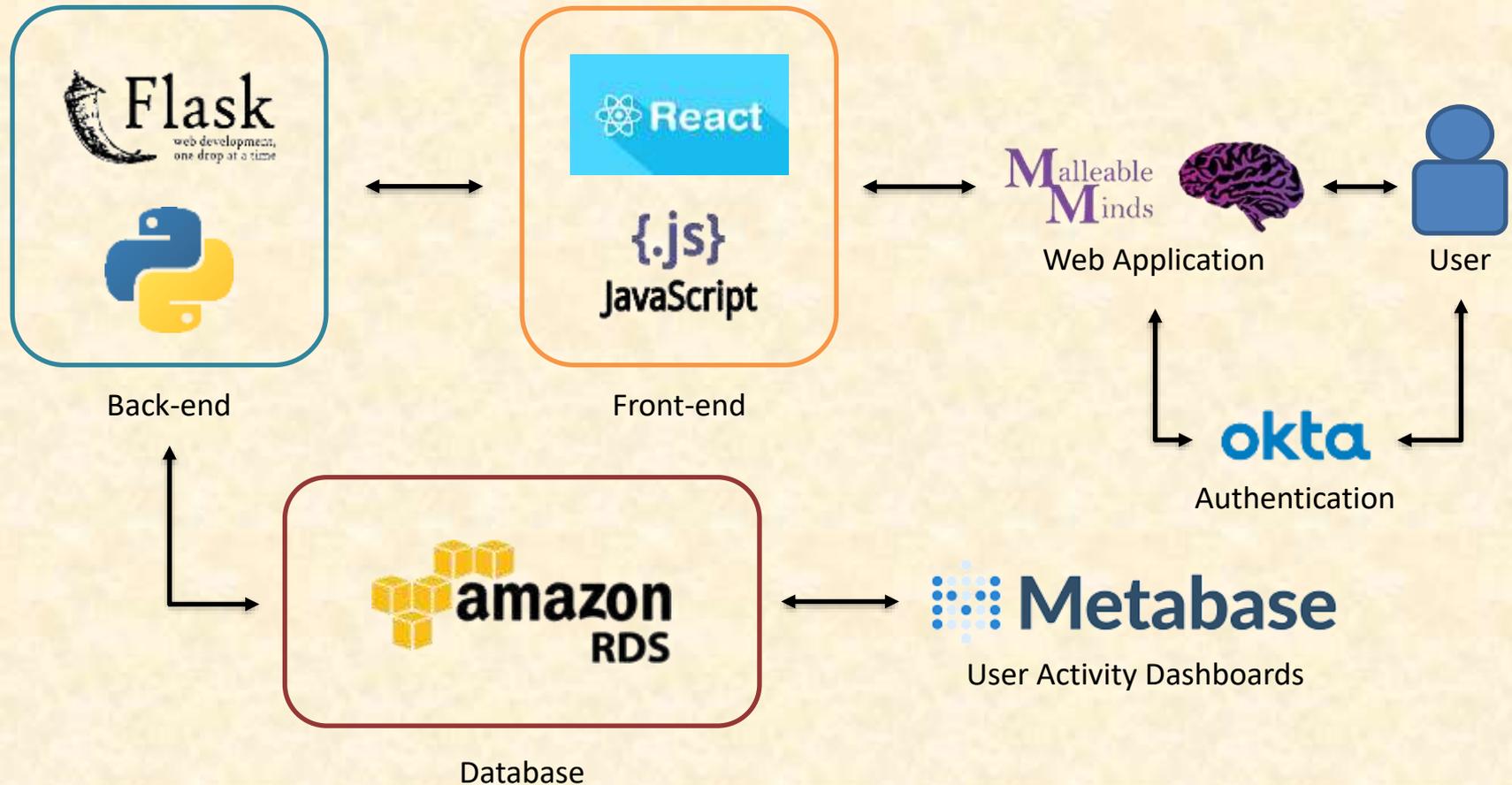
*From Students...
...to Professionals*

Project Overview

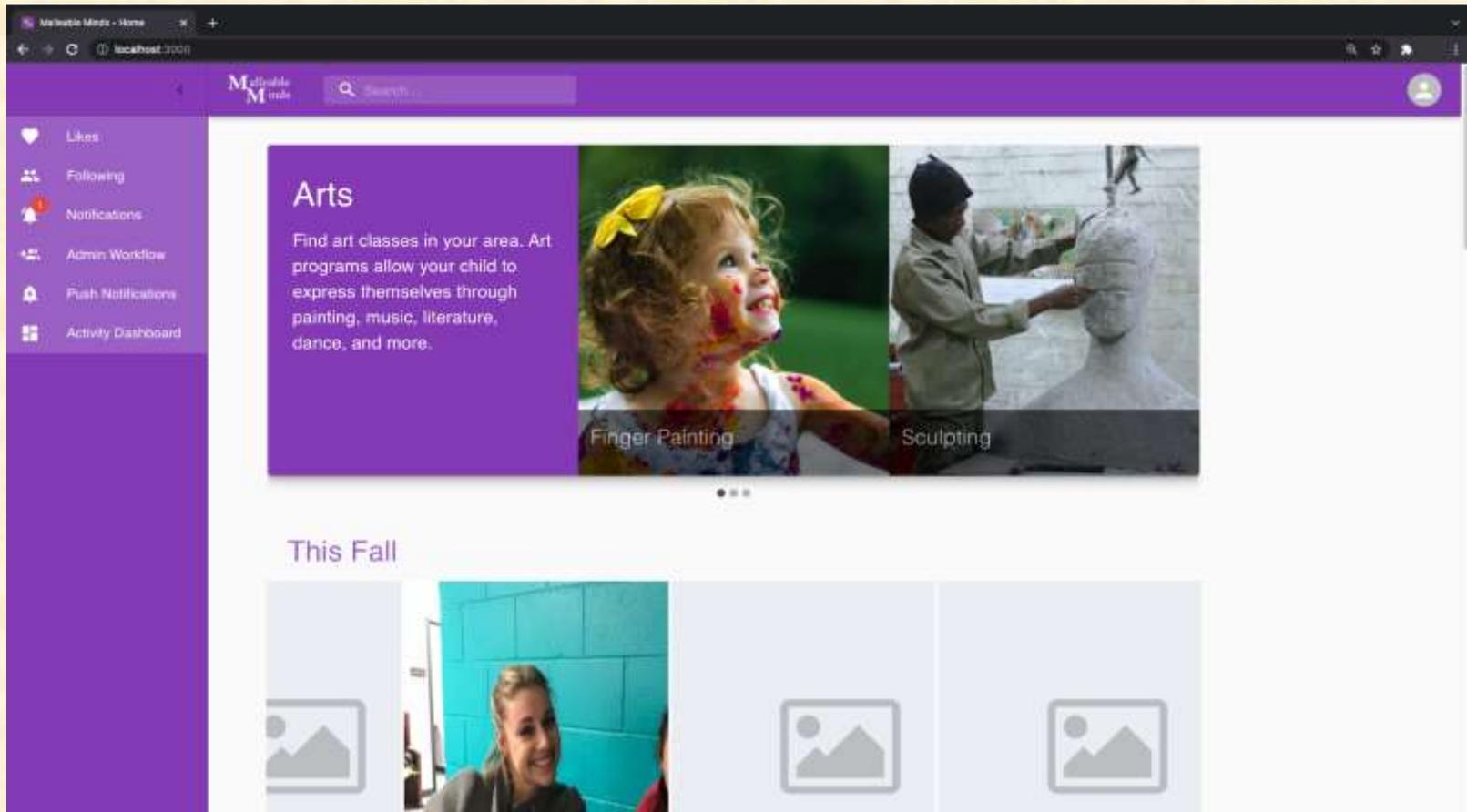
- Malleable Minds is an emerging startup building the world's most extensive directory of PreK-12 educational programs
- The web application allows parents and educators to create and read reviews on educational programs
- We will be optimizing site performance and adding additional features on top of the existing review aggregator



System Architecture



Malleable Minds Homepage



Program Page

The screenshot shows a web browser displaying a program page for 'The Harmony Project'. The browser's address bar shows 'localhost:3001/program/28'. The website's header is purple with the 'Malleable Minds' logo and a search bar. The main content area features a large photograph of a diverse group of young musicians, including violinists and cellists, some wearing Santa hats. Below the photo, the program title 'The Harmony Project' is displayed in purple, followed by the organization name 'CREATE Art Center' and the location 'Los Angeles, California, United States'. A 'SUGGEST AN EDIT' button is visible to the right. A table of program details is shown below, with a 'More Details' dropdown menu. At the bottom, there are two star rating sections: 'PARENT RATING' (5 stars) and 'EDUCATOR RATING' (5 stars), with an 'UPDATE REVIEW' button to the right.

Grade Level	K-12
Program Type	Full Year
Cost	\$0
Scholarship Available	No
Remote	Yes

More Details

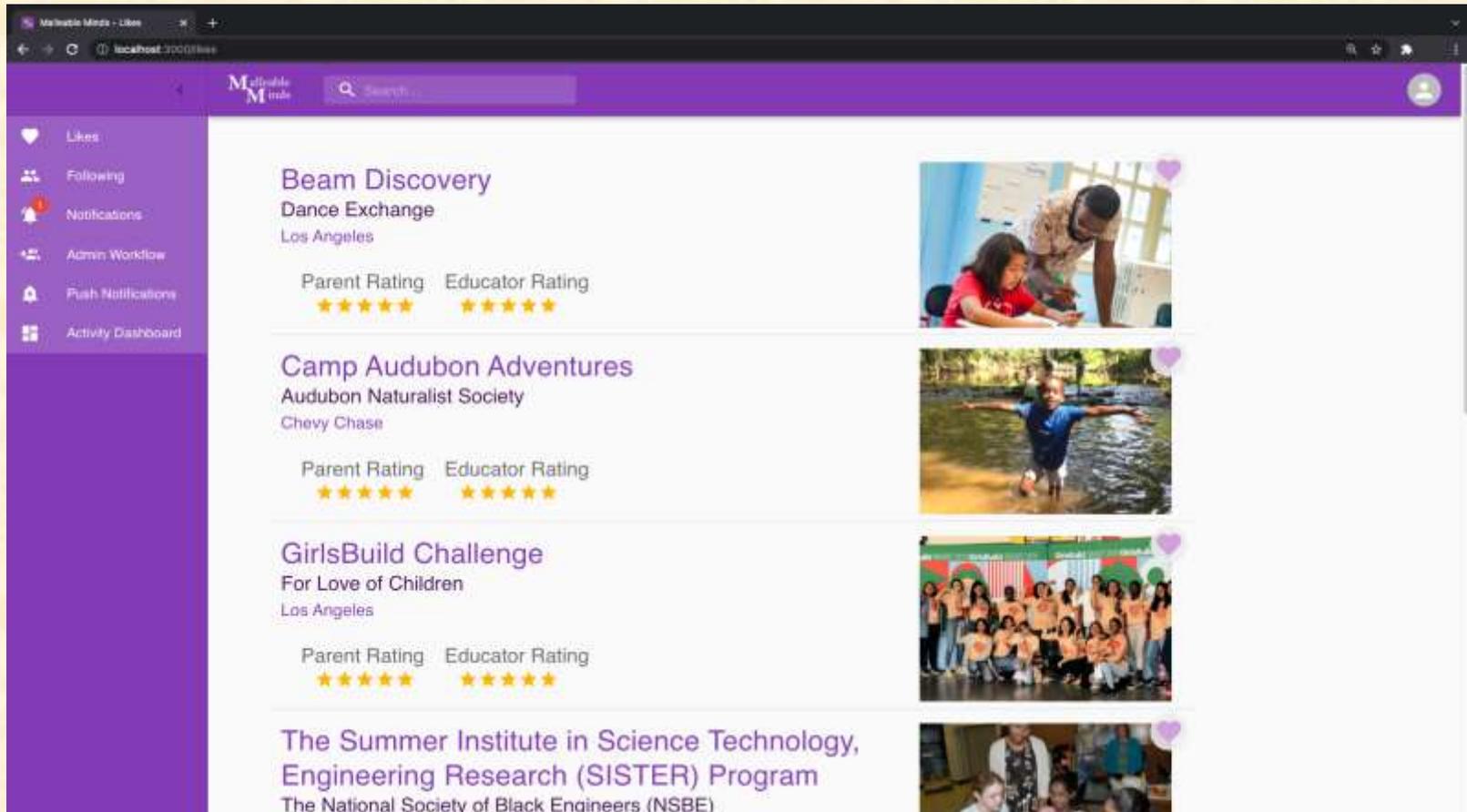
PARENT RATING ★★★★★

EDUCATOR RATING ★★★★★

Reviews UPDATE REVIEW



Liked Programs

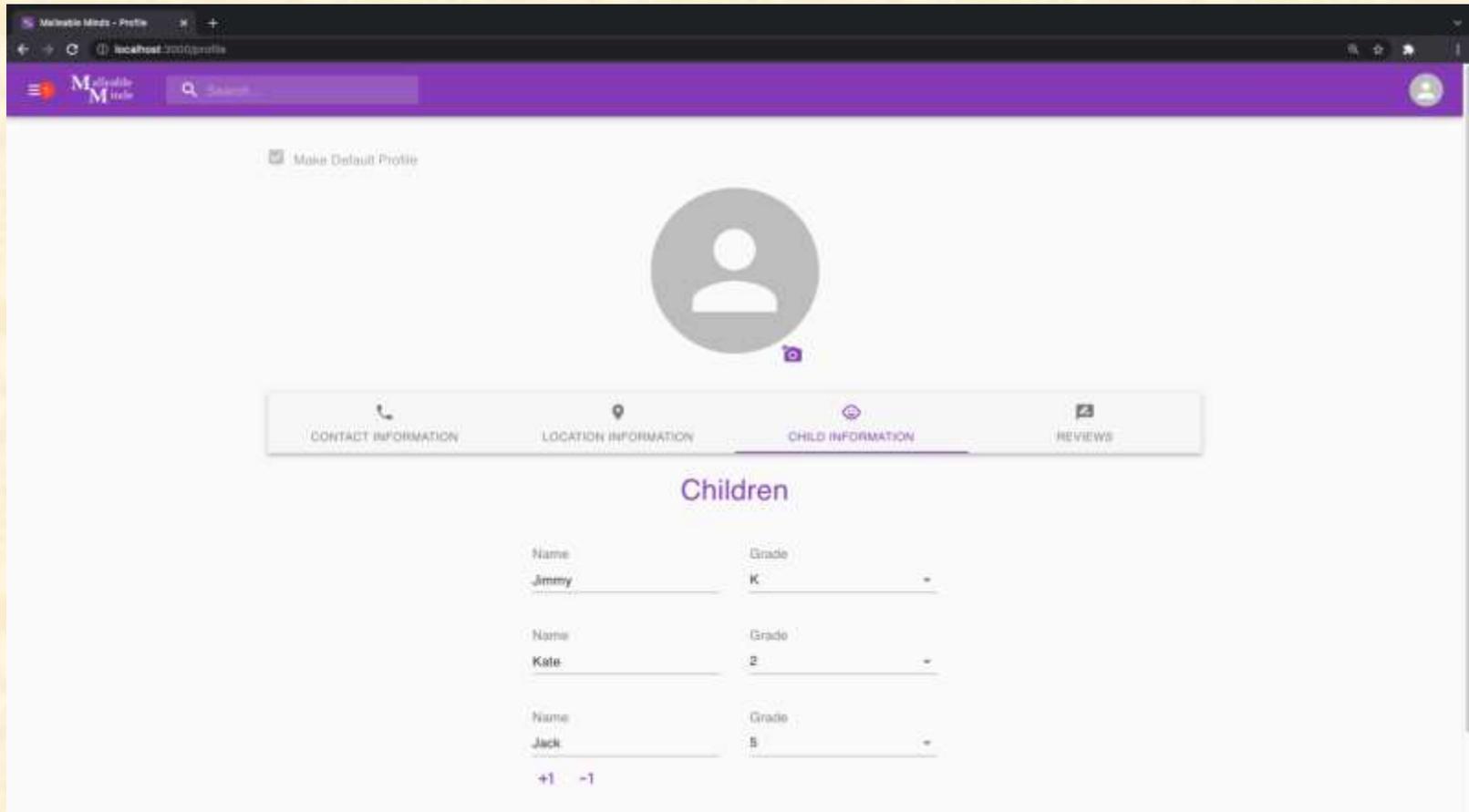


The screenshot displays the 'Liked Programs' section of the Malleable Minds website. The interface features a purple sidebar on the left with navigation options: Likes, Following, Notifications, Admin Workflow, Push Notifications, and Activity Dashboard. The main content area lists four programs, each with a title, subtitle, location, and two star ratings (Parent Rating and Educator Rating). Each program entry is accompanied by a representative image and a heart icon in the top right corner.

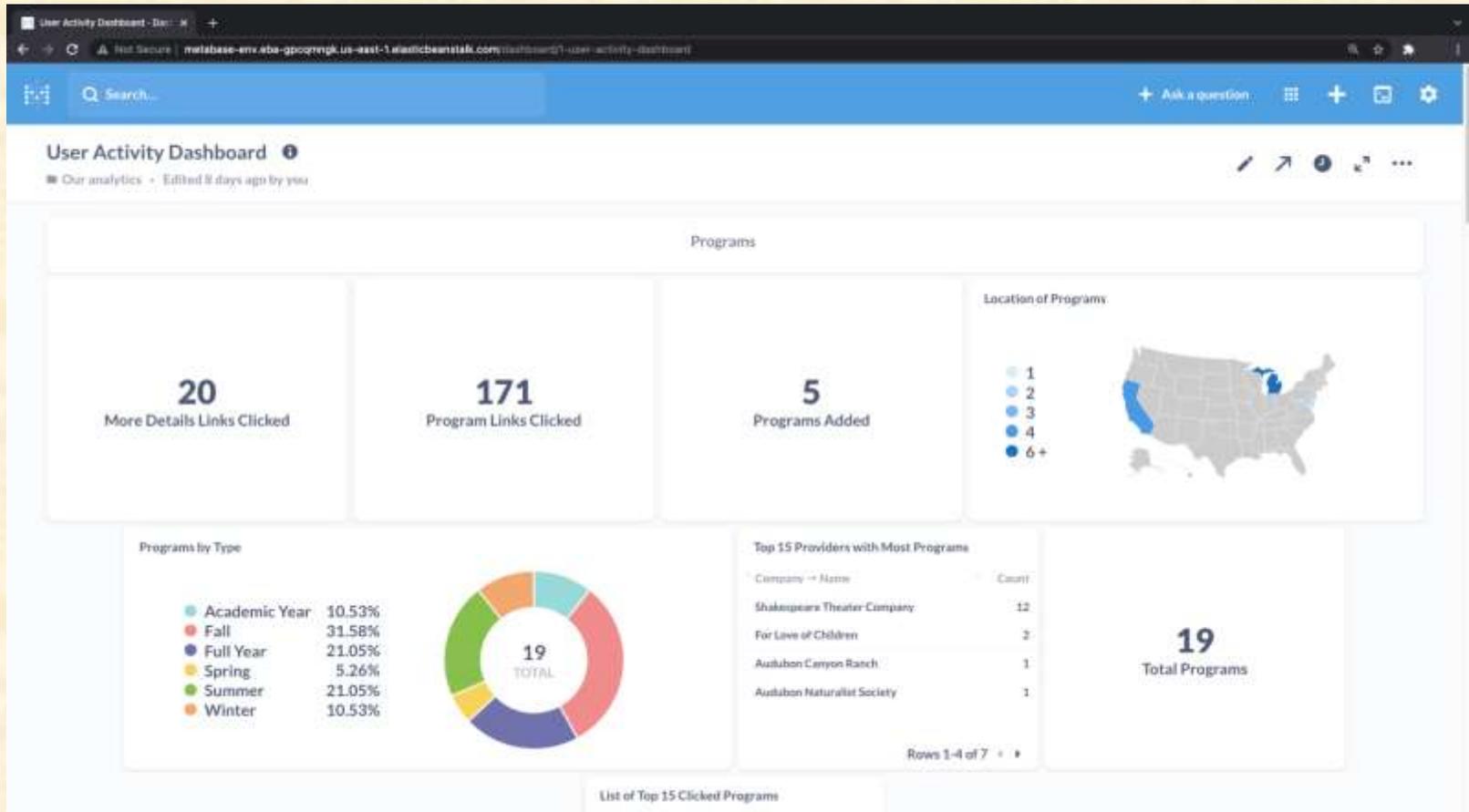
Program Name	Subtitle	Location	Parent Rating	Educator Rating
Beam Discovery	Dance Exchange	Los Angeles	★★★★★	★★★★★
Camp Audubon Adventures	Audubon Naturalist Society	Chevy Chase	★★★★★	★★★★★
GirlsBuild Challenge	For Love of Children	Los Angeles	★★★★★	★★★★★
The Summer Institute in Science Technology, Engineering Research (SISTER) Program	The National Society of Black Engineers (NSBE)			



Parent Profile Page



User Activity Dashboard



What's left to do?

- Improve search functionality in AWS OpenSearch
- Recommendation engine implementation
- Skill tree system for users to track progress
- Status feature for users
- Optimize React user interface



Questions?

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