Alpha Presentation
“Spaving”: Giving based on Spending Habits
The Capstone Experience
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Project Overview

• Create recommendation system for the spending analysis page
  • Using Machine Learning
• Provide detailed insights and information regarding the recommendation
• Allow users to like/dislike a charity to further tailor the recommendations
System Architecture

User

Platforms
Android
iOS

App Front End
React Native
TypeScript

Back-End Services
Express.js
Node.js
Machine Learning
Amazon Web Services

App Database Server
mongoDB

Financial Institution Databases
Plaid API

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Similar Charities & Deletion
Pop-up menu
“Liked” Feature
Suggestion Based On Other Users
What’s left to do?

• Update UI elements
• Add ‘Liked Charities’ page
• Implement likes/dislikes into the charities generation
• Compare a user’s percentage donated to per month with similar users
Questions?