Alpha Presentation
“Spaving”: Giving based on Spending Habits
The Capstone Experience
Team MSUFCU
Jonathon Harkness
Ning Wang
Ethan Colbert
Nick Aaltonen
Department of Computer Science and Engineering
Michigan State University
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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

Platforms
- Android
- iOS

User

App Front End
- Android Studio
- XCode
- React Native
- TypeScript

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

Database
- MongoDB
- Plaid API
- Financial Institution Databases
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?