MICHIGAN STATE UNIVERSITY Beta 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

Fall 2021

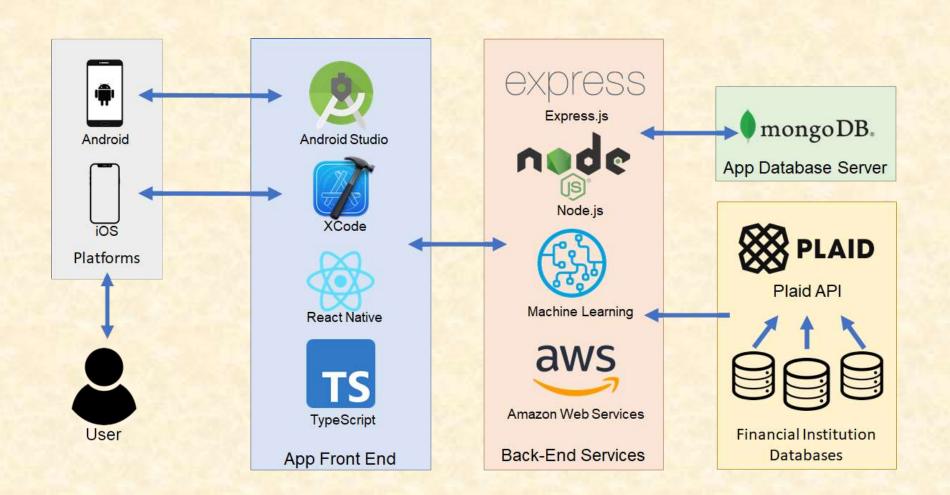


From Students... ...to Professionals

Project Overview

- Create recommendation system for Spave's 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



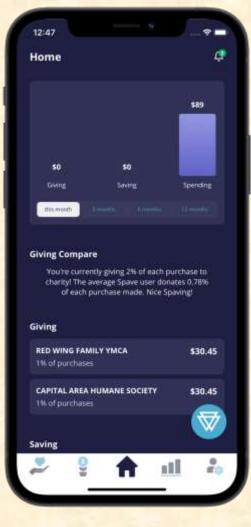
Liked Charities Page

ACADEMY OF ASIAN AMERI AND CULTURE	ICAN ARTS
EIN: 47-0919839	
RED WING ART ASSOCIATIO	DN .
RED WING, MN EIN: 41-6039135	
WORLD WILDLIFE FUND IN	c
Washington D.C., EIN: 52-1693387	

Charity Pop-up Menu

:53		-
sīghts		
SERS LIKE YOU AI	LSO DONATED	то
LIVE GIVE SAVE	FOUNDATION	INC
		Q1
CHARLOTTE ME	CKLENBURG L	IBRARY
CHARLOTTE, NC LIN, 46-1172548		¢÷
CHARLOTTE CHI		
LIVE GIVE SA		ION INC
	FINTERESTED	uture
6	COPY LINK	
ø	SHARE TO	
FOUNDATION		
	Cancel	

Giving Compare



The Capstone Experience

Recommended Page

inancial Spending Recomme	nded		
	🗢 Lini		
HARITIES SIMILAR TO YOUR GIVING HABITS			
JUXTAPOSITION INC			
MINNEAPOLIS, MN			
EIN: 41-1851915	⊘1		
URBAN BOATBUILDERS INC			
SAINT PAUL, Minnesota			
EIN: 41-1831599	⊘:		
AS SAFE AS POSSIBLE INC			
BENTONVILLE, AR			
EIN: 20-5401542	01		
UPSTREAM USA INC			
OAKLAND, California			
EIN: 35-2581424	01		

What's left to do?

- Stretch Goals
 - Push Notifications
 - Add Charity Logos

Questions?

