Alpha Presentation
Explore: Discover Sports on Campus

The Capstone Experience
Team Michigan State University ITS
Tanner Debien
William Tekip
William Huynh
Sai Chava

Department of Computer Science and Engineering
Michigan State University
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Project Overview

• A pocket guide that keeps students up to date on sporting events happening on campus
• Alleviate problems that come with discovering these events
• Sign up for and buy tickets for events
• Find all the information needed for events
System Architecture

Back End
- AWS
  - AWS Lambda: Serverless Compute API
  - AWS DynamoDB: NoSQL Database
  - AWS Cognito: User Authentication
  - AWS API Gateway: RESTful API
  - AWS S3: Storage Service

Front End
- iOS App: Swift/SwiftUI
- Web App: HTML/CSS/Vue.js
- Android App: Kotlin
Web Application Feed
Mobile Feed and Tickets

MSU Sports

News
Offensive Coordinator Jay Johnson... Practice Update
Oct 2, 2020 Football

Schedule
Oct 24 / TBA
FOOTBALL vs Rutgers
Oct 31 / TBA
FOOTBALL at Michigan

MSU Sports
Tickets

ID: 1234 5678 9012
FOOTBALL / vs MICHIGAN

D 21
Gate Row

21 15
Row Seat

$25.00
Price
Mobile Bookmarks and Profile
What’s left to do?

• Event detail
• Ticket purchasing/ownership
• Profile info
• Connect data API to mobile apps
• Account creation
• Continue collecting feedback
Questions?