

MICHIGAN STATE

UNIVERSITY

Beta Presentation

Explore: Discover Sports on Campus

The Capstone Experience
Team Michigan State University ITS

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

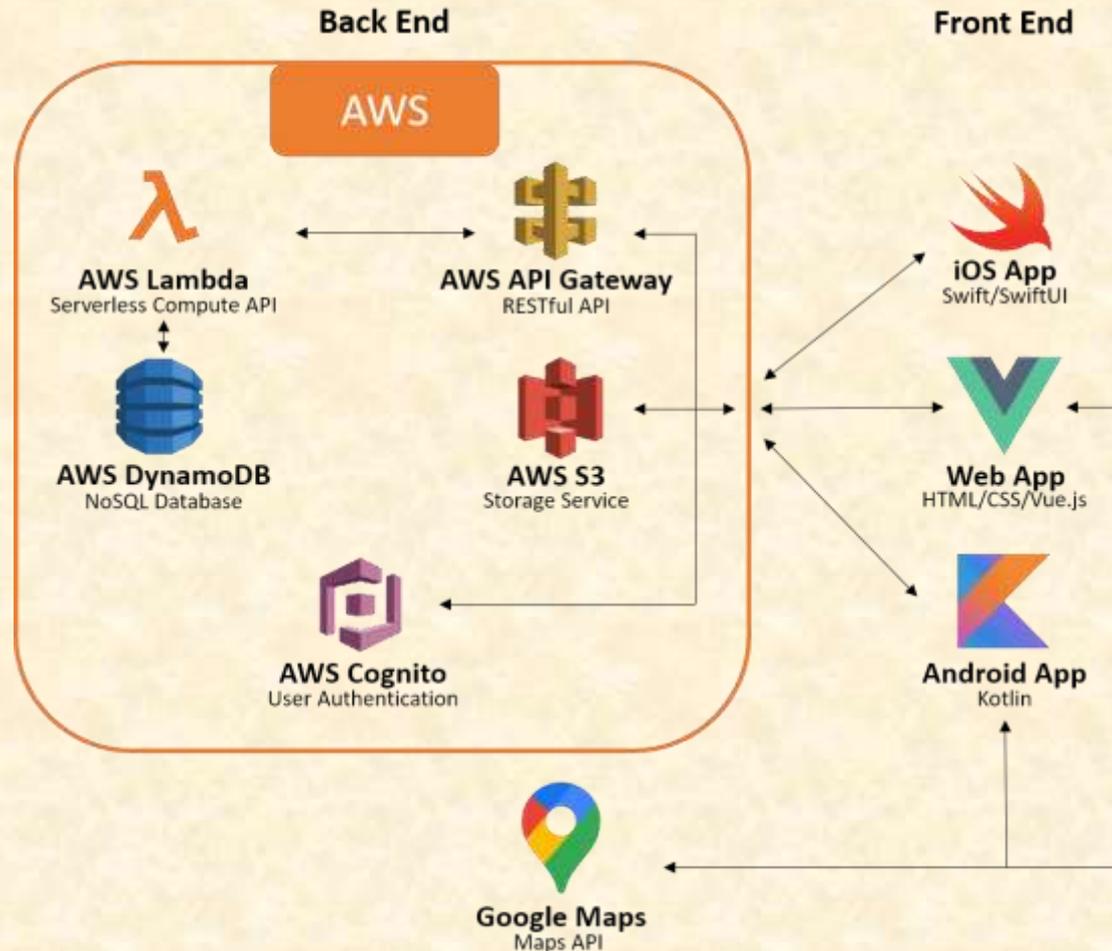
Department of Computer Science and Engineering
Michigan State University
Fall 2020

Project Overview

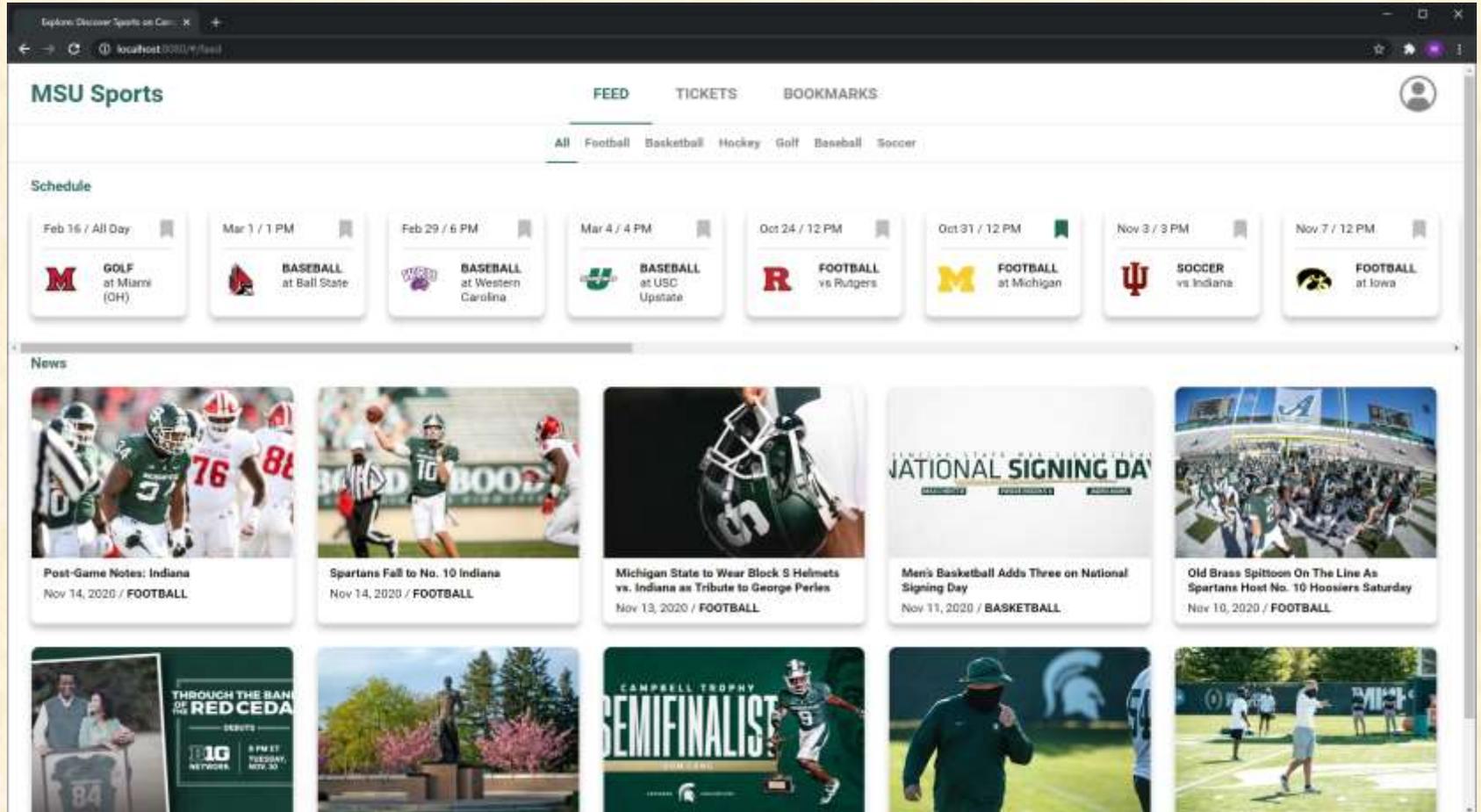
- A pocket guide that keeps students up to date on sporting events happening on campus
- Alleviate problems that come with discovering these events
- Sign up for and buy tickets for events
- Find all the information needed for events



System Architecture



Web Application Feed



Web Application Parking

MSU Sports

FEED TICKETS BOOKMARKS

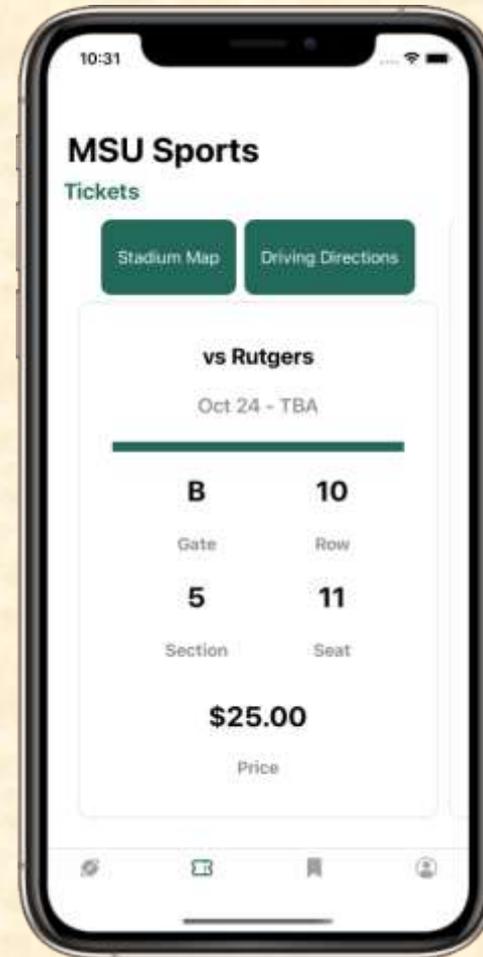
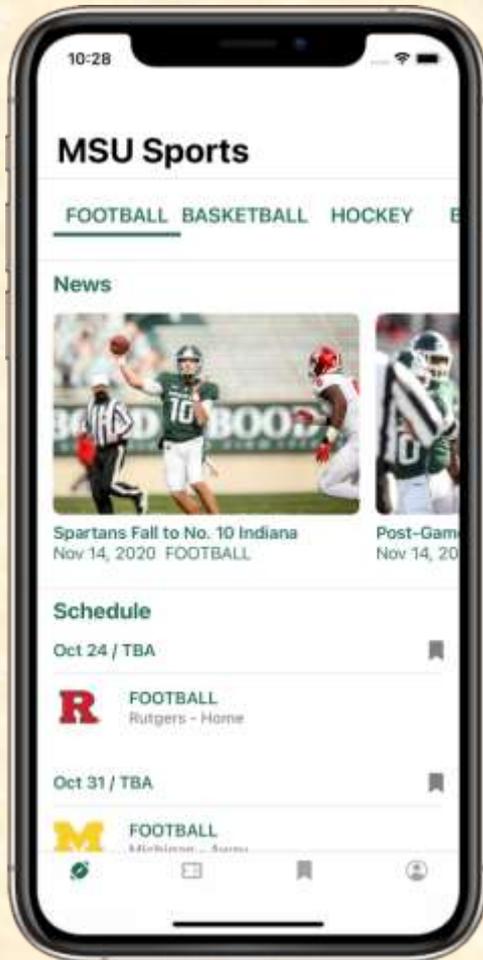
Parking
for Spartan Stadium

- Lot 79**
0.108 mi from venue
Unavailable - \$25.00
- Lot 62W**
0.157 mi from venue
Available - \$20.00
- Lot 39**
0.254 mi from venue
Available - \$20.00
- Lot 10**
0.299 mi from venue
Available - \$20.00
- Lot 67**
0.322 mi from venue
Available - \$20.00
- Lot 38**
0.346 mi from venue
Available - \$20.00
- Lot 63E**
0.376 mi from venue

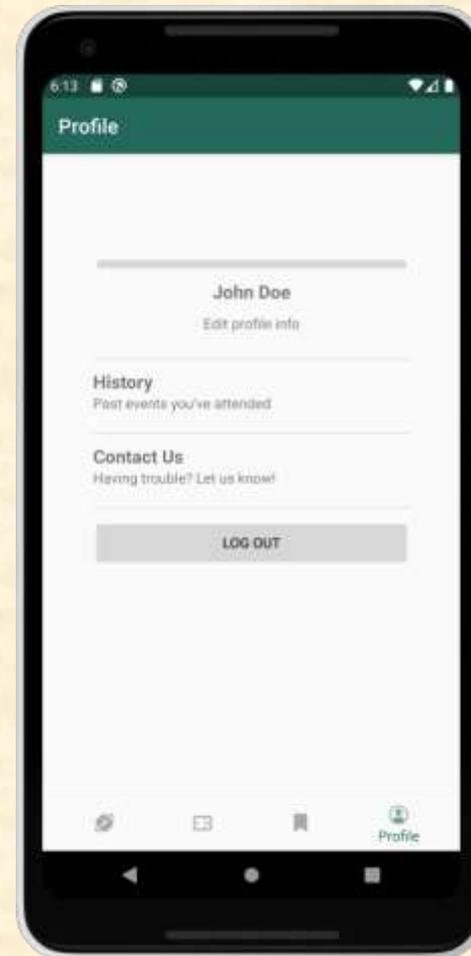
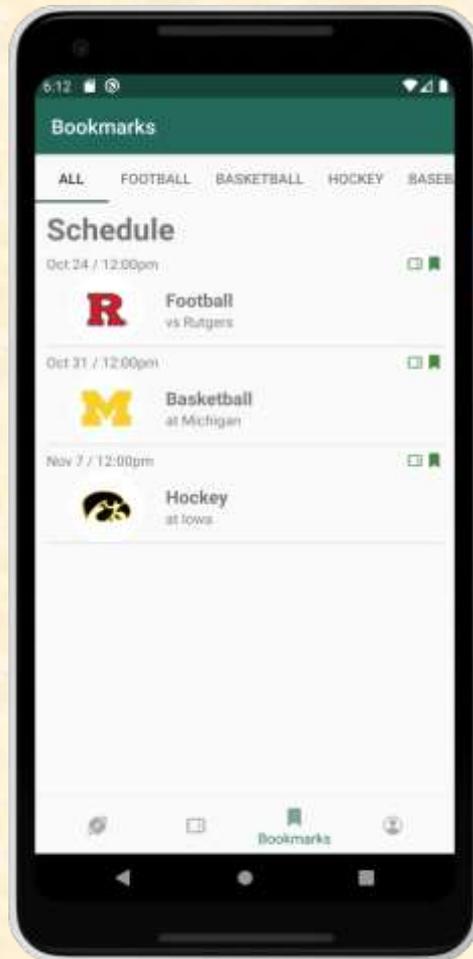
Map showing MSU campus and surrounding area with parking locations marked by red pins. The map includes labels for various campus buildings, the Grand River, and surrounding streets.



Mobile Feed and Tickets



Mobile Bookmarks and Profile



What's left to do?

- UI refinement
- Improve documentation
- Optimize
 - Move some data processing to back end
- Season tickets
- 2-factor authentication



Questions?

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