MICHIGAN STATE UNIVERSITY **Beta Presentation MSU Enviroweather Mobile** The Capstone Experience **Team MSU Enviroweather Emily Dubuque Frederick Pagadam Haoxiang Zhang** James Noh Malachi Hollins Michael Moss **Department of Computer Science and Engineering Michigan State University** Spring 2024



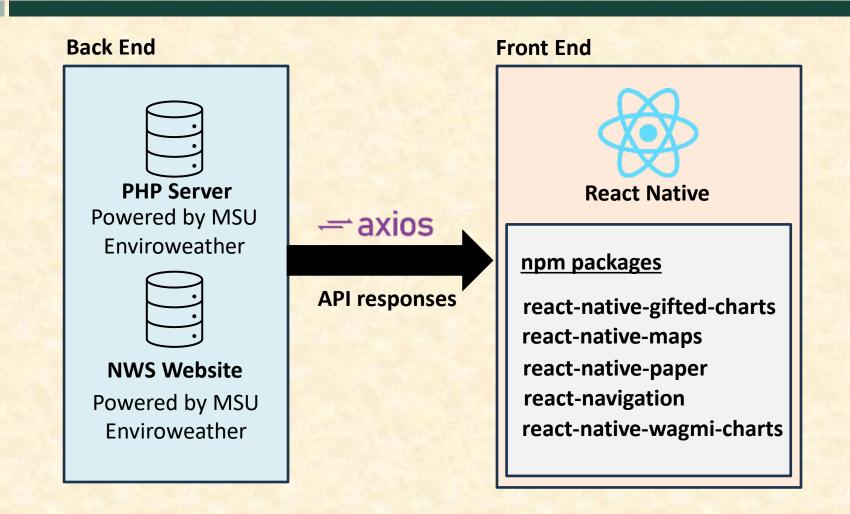
From Students... ...to Professionals

Project Overview

- MSU Enviroweather is a free online resource
- They produce pest, plant, and weather models for Michigan growers.
- Farmers lack an efficient way of accessing data on mobile.
- Enviroweather Mobile improves readability and accessibility issues with mobile devices.



System Architecture



Map Screen



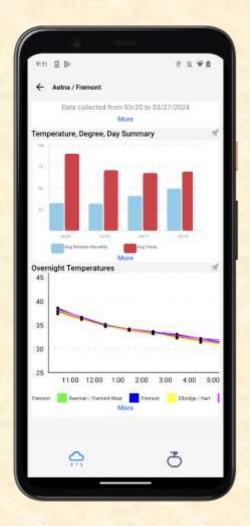




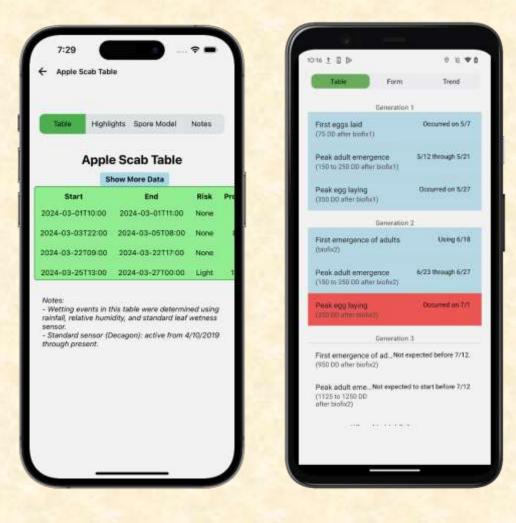
Station Screen - Weather







Station Screen - Crops





Full Model View



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-West
17 hrs
15 hrs
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What's left to do?

- Stretch Goals
 - Forecast alerts
 - Form preferences
 - Full Offline
- **Other Tasks**
 - MSU accessibility standards
 - Plan for integration into Enviroweather



Questions?

