MICHIGAN STATE UNIVERSITY

Beta Presentation
Guided Recipe Augmentation

The Capstone Experience

Team Whirlpool

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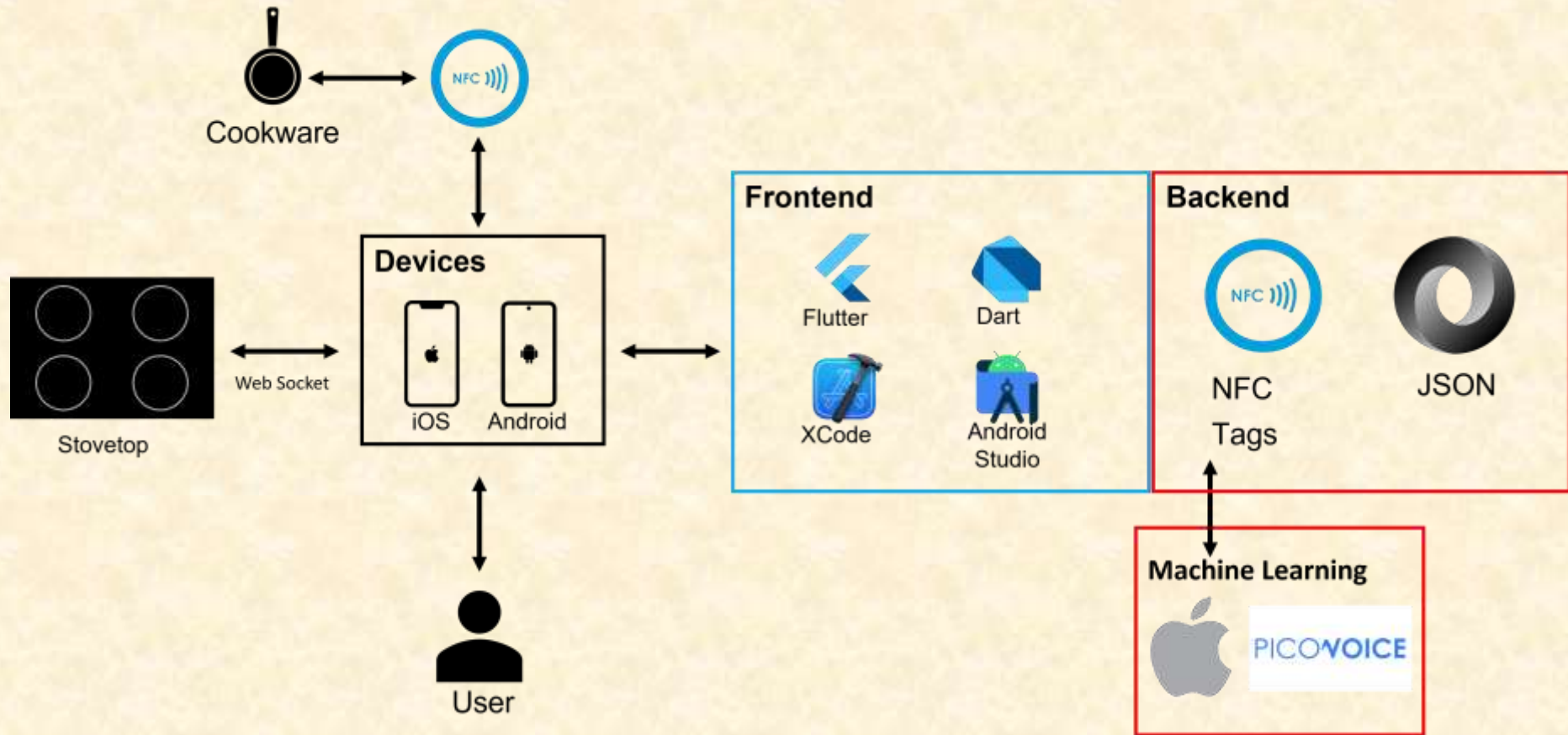Michigan State University

Fall 2022

From Students…
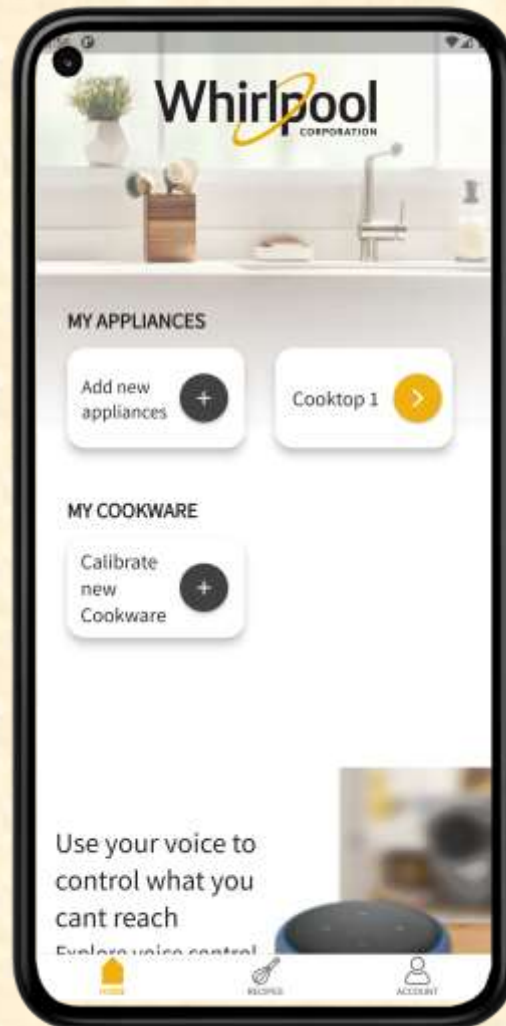*…to Professionals*

Project Overview

- The problems:
  - Typical stovetop recipes are not one-size-fits all
  - Variances from kitchen-to-kitchen can cause hang-ups
  - Following a recipe on phone (or paper) is not the best experience

- A cooktop-integrated mobile app to improve user experience
  - Cooktop to phone integration with slew of expanded, intuitive controls
  - Eliminates guesswork through customized, calibrated step-by-step cooking process
  - Entirely hands-free recipe control through voice and gesture recognition
  - Easily-browsable gallery of Whirlpool-curated recipes
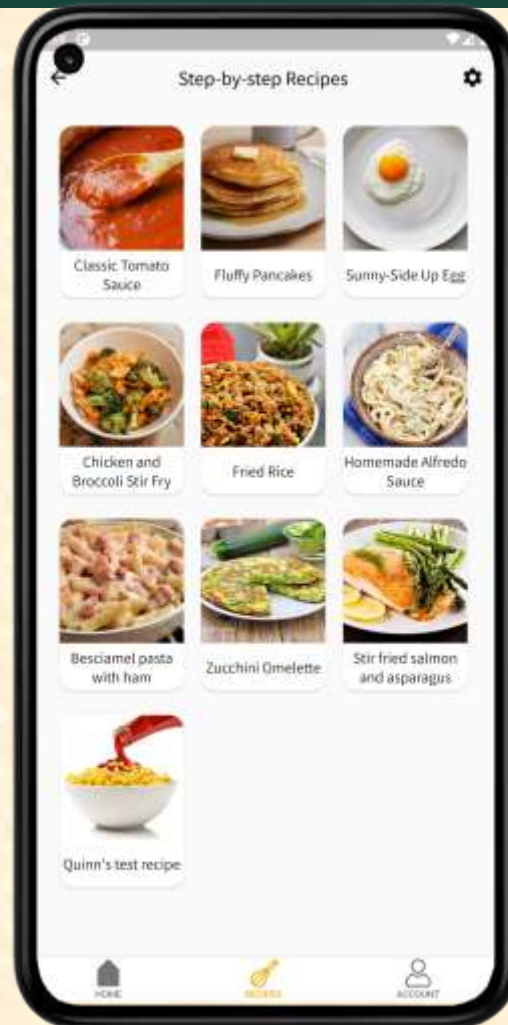
System Architecture
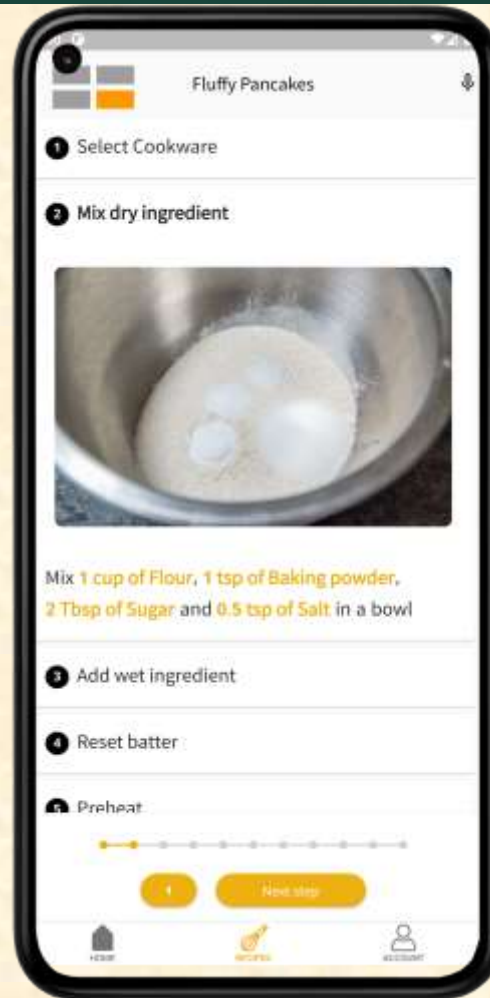
Home Screen

Manual Mode

Recipe List

Recipe Steps

What's left to do?

- Features
  - Gesture recognition
- Stretch Goals
  - Storing recipe list in a database
- Other Tasks
  - Bug fixes

Questions?

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