

MICHIGAN STATE

UNIVERSITY

Alpha Presentation

Guided Recipe Augmentation

The Capstone Experience

Team Whirlpool

Tom Choi
Quinn James
Joseph Kasza
Justin King
Rashon Poole
Jack Wu

Department of Computer Science and Engineering
Michigan State University

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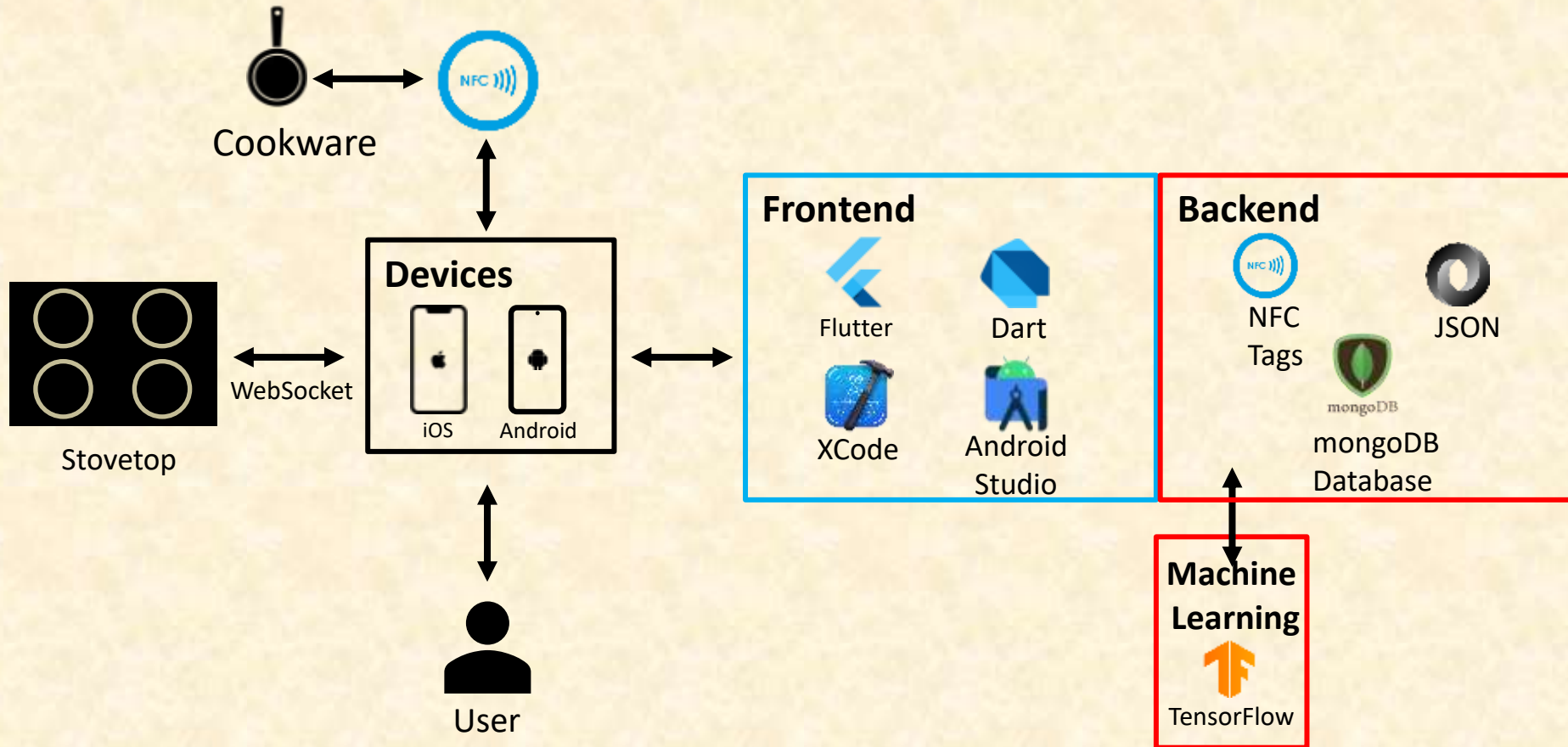
*From Students...
...to Professionals*

Project Overview

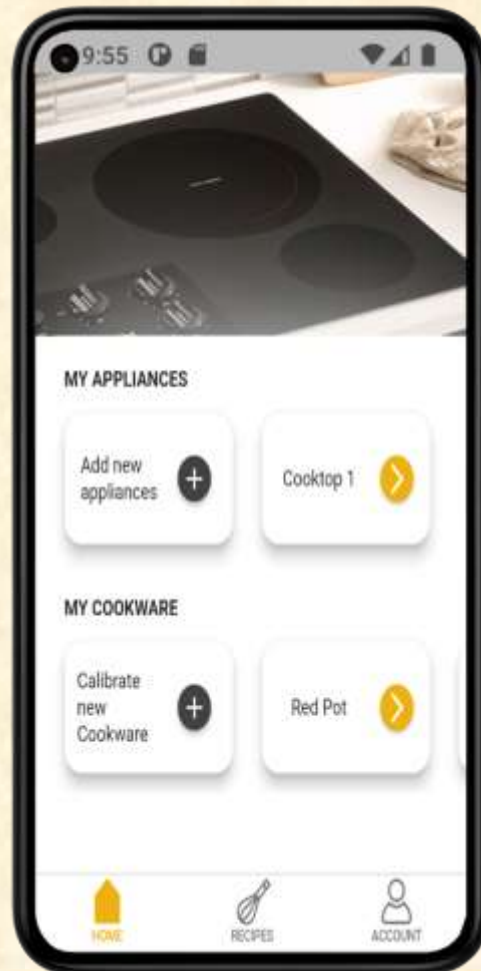
- The problems:
 - Typical stovetop recipes are not one-size-fits all
 - Variances from kitchen-to-kitchen can cause hang-ups
 - Following a recipe on phone (or paper) is not the best experience
- A cooktop-integrated mobile app to improve user experience
 - Cooktop to phone integration with slew of 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



Project System Architecture



Home Screen Screenshot



Manual Cooktop Homescreen



Recipe Screenshot



Recipe Steps Screenshots



What's left to do?

- NFC integration with iOS
- Recipe instruction functionality
- Voice and gesture recognition integration into main application
- Connecting our app to the induction cooktop



Questions?

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