MICHIGAN STATE UNIVERSITY Alpha Presentation Guided Recipe Augmentation The Capstone Experience

Team Whirlpool

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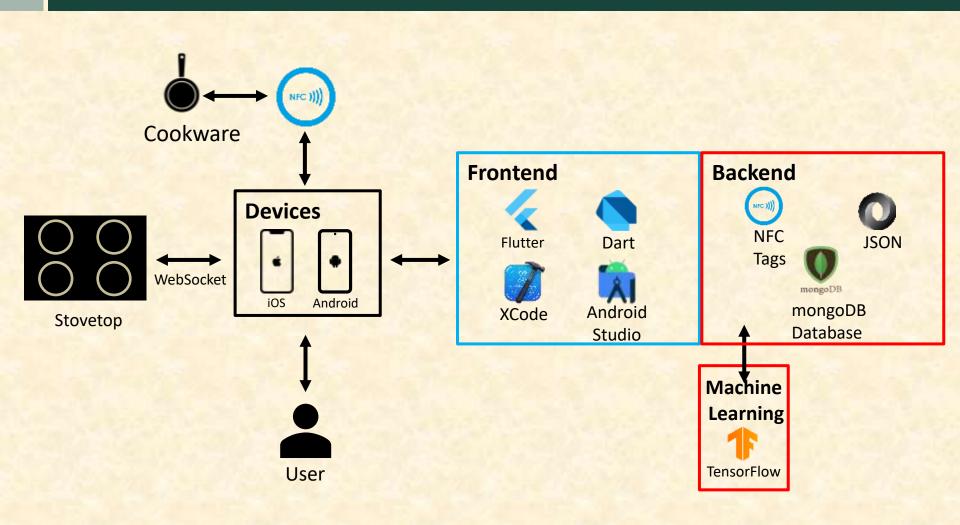
From Students... ...to Professionals

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

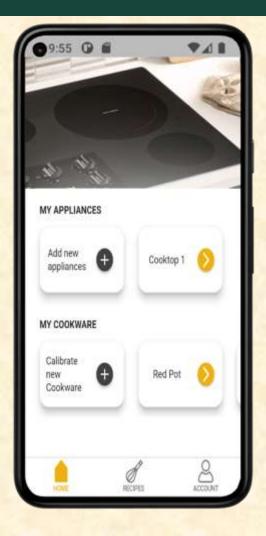


Project System Architecture



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Home Screen Screenshot



Manual Cooktop Homescreen



Recipe Screenshot

Res -	S	9
Classic Tomato Sauce	Fluffy Pancakes	Sunny-Side Ur Egg
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Chicken and Broccoli Stir Fry	Fried Rice	Homemade Alfredo Sauce
	2	
Besciamel pasta with ham	Zucchini Omelette	Stir fryied salmon and asparagus
with ham	Omelette	

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Recipe Steps Screenshots

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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?

