## MICHIGAN STATE UNIVERSITY Beta 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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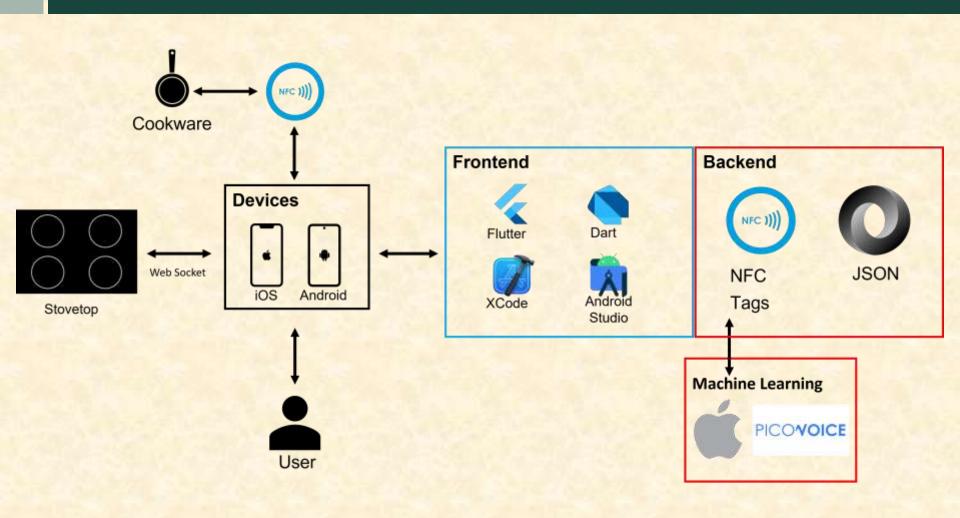


From Students... ...to Professionals

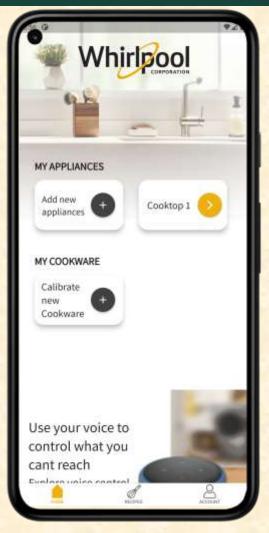
#### **Project Overview**

- 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

## System Architecture



#### **Home Screen**



## Manual Mode

		Cooktop 1		
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Pow	Bottom- er ① Sele 125	Right Cook ect a Tempera <b>150°F</b> Mid	ing Zone <sup>ture</sup> 175	On

The Capstone Experience

## **Recipe List**



# **Recipe Steps**

		- 22
	Fluffy Pancakes	
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#### What's left to do?

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

#### **Questions?**

