MICHIGAN STATE UNIVERSITY Beta 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

System Architecture



Home Screen



Manual Mode

		Cooktop 1		
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		Irag to build o		
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Pow	Bottom- er ① Sele 125	Right Cook ect a Tempera 150°F Mid	ing Zone ^{ture} 175	On

The Capstone Experience

Recipe List



Recipe Steps

		- 22
	Fluffy Pancakes	
O Select C	ookware	
Ø Mix dry	ingredient	
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	Flour, 1 tsp of Baking pow ugar and 0.5 tsp of Salt in a	
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	t ingredient	
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Add wetReset bat	atter	
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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?

