MICHIGAN STATE UNIVERSITY Alpha Presentation Al Recipe Converter

The Capstone Experience

Team Whirlpool

Cameron Lang Samuel Chen Ruitong (Eric) Xu Ryan McLean

Department of Computer Science and Engineering Michigan State University

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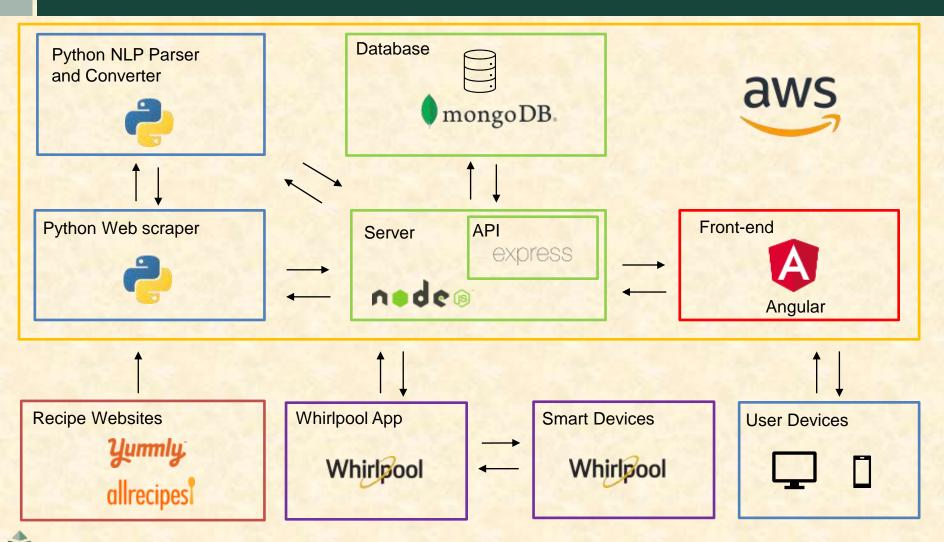


From Students... ...to Professionals

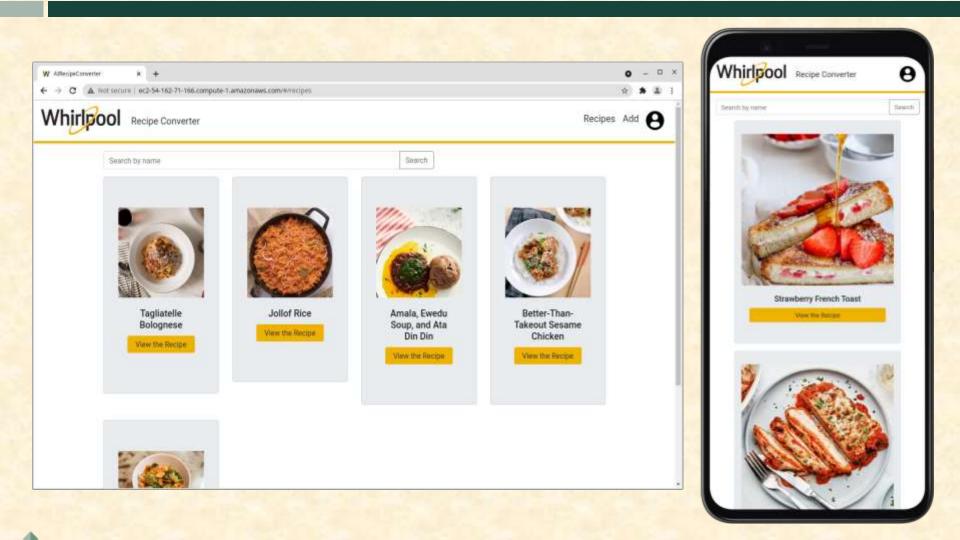
Project Overview

- Simplify user cooking experience by providing machine assisted cooking
- Recipes from popular cooking websites are converted to a machineunderstandable format
- Users access a website to convert these recipes and make any changes

System Architecture



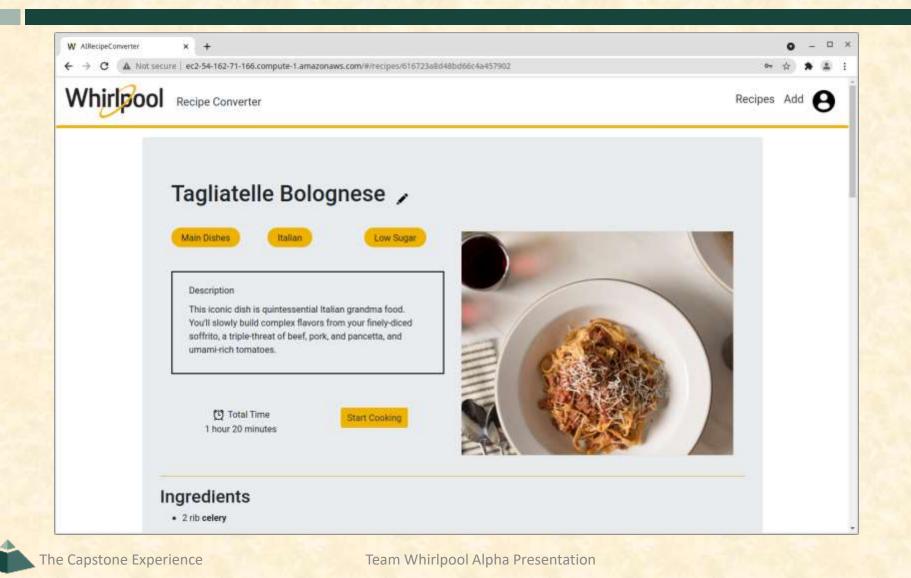
List of Recipes



Adding a Recipe

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		Recipes Add
Add a Recipe		
Link to Recipe		
https://www.yummly.com/recipe/Jollof-Rice-2249034	Add Recipe	
Or Manually Add	New Recipe	

Viewing a Recipe



Editing a Recipe

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Whirl	Recipe Converter		Recipes Add
	Recipe Information	i	
	Recipe Name		
	Tagliatelle Bolognese		
	Description		
	This iconic dish is quintessential Italian grandma food. You'll slowly build complex flavors from your finely-diced soffrito, a triple-threat of beef, pork, and pancetta, and umami-rich tomatoes.		
	Add Image		
	Category	Cuisine	
	Keywords		
	Main Dishes,Italian,Low Sugar	Add Keyword	

What's left to do?

- Finish the functionality of the website site
- Extend the web scraper
- Improve NLP
 - Improve the accuracy of the NLP model
 - Get parser to identify ingredients in recipe steps
- Test cooking a recipe on a Whirlpool smart cooktop

Questions?

