Beta Presentation
Personalizing the Culinary Experience

The Capstone Experience

Team Whirlpool
Sifatul Anindho
Sai Byrraju
Drew Peterson
Jasmine Richardson
Christina Tagay

Department of Computer Science and Engineering
Michigan State University
Spring 2024
Project Overview

- Identify user preferences in interactions with HMI (Human-Machine Interface) and mobile app
- Personalize user profiles based on the analyzed interaction data
- Offer customized recipe suggestions and cooking settings to users
- Display aggregated user analytics on a data dashboard
Mobile App

Home Screen

Suggestion Settings
Data Dashboard
HMI Main Screen
HMI Cooking Instructions

COOKING INSTRUCTIONS

Use the middle rack oven position and place your veggies

DONENESS: Soft

START
What’s left to do?

• Stretch Goals
  ▪ Implementation with new source code
  ▪ More user profile customization
  ▪ Preheat from mobile app

• Other Tasks
  ▪ Machine learning model evaluation
  ▪ Minor UI changes
Questions?