

# Recipe Tracking App - Code Review Presentation

## Introduction & Problem Statement (2 - 3 minutes)

“Hello! My name is Htet Myet, and today I’ll be presenting an app designed to solve a common challenge for home cooks—**keeping track of their recipes in an efficient and organized way.**”

### Problem Statement:

“Many cooking enthusiasts, like Peter, **love experimenting** in the kitchen but struggle to **keep track** of their creations. **(pause & transition)** They jot down notes on paper, save screenshots, or rely on memory—none of which are convenient or reliable.”

“Peter also needs a way to filter recipes based on dietary preferences for his friends and family. He wants an app that allows him to:

- Input and modify recipes.
- Track his cooking history.
- Save and organize favorite recipes.
- Filter recipes based on dietary restrictions.
- And, finally, share his recipes as a PDF.

This app is designed as a **digital recipe book** that provides structure, convenience, and ease of use for home cooks like Peter.”

## Target Audience (2 minutes)

“This app is designed for a wide range of users, including:”

### **1 Home Cooks & Food Enthusiasts –**

“Home Cooks who love experimenting with recipes and want to organize their culinary creations.”

### **2 Families & Individuals with Dietary Needs –**

“People who follow special diets or have food allergies. Which this app makes meal planning easier by allowing users to filter recipes based on dietary preferences.”

### **3 Meal Preppers & Organized Cooks –**

“And meal preppers who want a structured way to store, edit, and refine recipes over time.”

“By addressing these user needs, the app becomes more than just a recipe manager—it’s a **personalized cooking companion** that enhances organization and accessibility.”

## Competitor Analysis (2-3 minutes)

Before developing this app, I researched existing solutions in the market and found two popular apps tackling similar problems: **Pepper** and **Cookpad**. Here's how they compare.

Pepper: <https://www.peppertheapp.com/>

Coodpad: <https://cookpad.com/uk/homepage>

### ◆ Recipe Input & Modification

Both Pepper and Cookpad allow users to input ingredients, steps, and images. My app follows this approach but keeps it simple—users can create and update their recipes without unnecessary complexity.

### ◆ Cooking History Tracking

Neither app tracks cooking history properly, which is one of the requirements from the problem statement. My app fills this gap by providing a real cooking history log, helping users track what they've made over time.

### ◆ Recipe Filtering

Pepper uses a **tag-based filtering system** (e.g., 'gluten-free' or 'vegan'). Cookpad only allows filtering by including or excluding specific ingredients, which is less user-friendly. My app adopts **Pepper's approach**, letting users filter recipes easily by selecting predefined dietary tags.

### ◆ Saving & Organizing Recipes

Cookpad allows users to create custom folders for organizing recipes, while Pepper has a simpler bookmarking system. My app **simplifies organization with three default folders**:

1. **All Recipes** – Every recipe created by the user.
2. **Favorites** – A collection of user-marked favorite recipes.
3. **Drafts** – Unfinished recipes that can be edited later.

### ◆ Sharing Recipes

Pepper has an instagram like sharing where Cookpad is like an online recipe site. Since I want my app to be offline, users may **export recipes as PDFs** and share them directly.

By focusing on these improvements, my app stands out as a **simpler, more structured, and user-friendly** recipe-tracking tool.

## Proposed Features (1 - 2 minutes)

### 1 Input & Modify Recipes –

“Users can create, edit, and organize recipes with ingredients, instructions, and images. The app also tracks modifications for continuous improvement.”

### 2 Cooking History Tracking –

“A dedicated cooking history log helps users track what they’ve cooked and refine their skills over time.”

### 3 Tag based Filtering for Dietary Needs –

“Users can easily filter recipes by dietary preferences, using built in tags”

### 4 Saving & Organizing Recipes –

“Users can save favorite recipes and categorize them in given folders for easy access.”

### 5 Recipe Sharing as PDFs –

“Users can download their recipes as **PDFs** and share them through messaging apps, email, or print them out.”

“These features help Peter and other home cooks **stay organized, experiment with recipes, and keep track of their culinary journey effortlessly.**”

## (App Showcase)

Figma Link:

<https://www.figma.com/design/TEmzn8Vu8lKhcvAxTsQJso/HtetRecipeTracker?node-id=0-1&p=f&t=xb7v6RitfwlYTat3-0>

## Timeline (2 minutes)

“I have 5 **weeks** remaining to complete the project. Here’s the breakdown of key milestones”:

- **Week 1:** “Finalize wireframes and UI/UX design in Android Studio.”
- **Week 2 :** “Develop the core features – recipe input, modification, and history tracking.”
- **Week 3:** “Implement filtering, saving, and PDF export features.”
- **Week 4:** “Conduct user testing and refine the app based on feedback.”
- **Week 5:** “Final bug fixes, optimizations, and submission.”

“For project management, I’ll be using **Agile methodology** with weekly sprints to track progress and make iterative improvements based on testing and feedback.”

## GitHub Repository & Version Control (1 minute)

“To manage my code efficiently, I am using **GitHub for version control**. My repository will include:

- **Codebase & Documentation**
- **Wireframes & UI Designs**
- **Notes & Change Logs**

This ensures proper tracking of changes, and structured development.”

✦ **GitHub Repository Link:** <https://github.com/HTEThub/HtetRecipeTracker>

## Conclusion

“This **Recipe Tracking App** is designed to solve real challenges faced by home cooks like Peter. By offering structured recipe management, history tracking, smart filtering, and offline sharing via PDFs, this app simplifies the cooking experience.

Thank you for your time! I look forward to your feedback.”

## AI Usage (ChatGPT)

I used ChatGPT as a script writing assistant and formatting neatly. Each section of the presentation script, I write out my own thoughts and ideas and send it to ChatGPT to refine it and make the script shorter or longer to fit the suggested timeframe.