

SE 216 – SOFTWARE PROJECT MANAGEMENT

Spring 2023-2024

Project Proposal

Recipe Bank

Problem Definition

The modern culinary landscape faces a unique challenge: while the internet offers a vast array of recipes, navigating this information overload can be overwhelming. Users often struggle to find reliable, high-quality recipes that cater to their specific needs and preferences. Traditional methods of recipe discovery, such as cookbooks and family traditions, are gradually being overshadowed by the immediacy and accessibility of online platforms.

Recipe Bank addresses this issue by providing a centralized hub that offers:

A curated collection of recipes: Rigorously vetted and categorized by cuisine, dietary restrictions, and skill level, ensuring users find recipes that suit their preferences and skillset.

A user-friendly interface: Designed for ease of use and navigation, allowing users to quickly search for recipes, explore different cuisines, and save their favorites for future reference.

A global community: Offering a platform for users to connect, share their culinary experiences, and discover new recipes through user-generated content and interactive features.

Background Information

Recipe Bank emerges from the recognition that the internet has fundamentally transformed how we explore and discover new culinary experiences. While traditional methods like cookbooks and family traditions hold significant value and offer a sense of nostalgia, they are gradually being supplemented and even replaced by readily accessible online resources. Recipe Bank aims to bridge this gap by offering a platform that seamlessly combines the curated content and trusted recipes found in cookbooks with the immediacy, accessibility, and interactive features of the internet.

Recipe Bank acknowledges the limitations of traditional methods:

Limited Scope: Cookbooks are static and often limited in scope, offering a finite selection of recipes and lacking the ability to adapt to individual needs and preferences.

Accessibility Challenges: Finding specific recipes in cookbooks can be time-consuming, requiring users to flip through pages and potentially miss hidden gems.

Limited Interactivity: Traditional methods lack the ability for users to share their culinary experiences, discover new recipes through recommendations and user-generated content, or engage with a wider culinary community.

Recipe Bank addresses these shortcomings by offering a comprehensive and dynamic platform that caters to the evolving needs of modern culinary exploration. It aims to provide a user-friendly and centralized hub that empowers individuals to:

Discover a curated collection of high-quality recipes: Rigorously vetted and categorized by cuisine, dietary restrictions, and skill levels, ensuring users find recipes that suit their preferences and culinary expertise.

SE 216 – SOFTWARE PROJECT MANAGEMENT

Spring 2023-2024

Project Proposal

Navigate the platform with ease: Designed for intuitive use and efficient navigation, allowing users to quickly search for recipes, explore different cuisines, and save their favorites for future reference.

Connect with a global community: Offering a platform for users to share their culinary experiences, discover new recipes through user-generated content and interactive features, and foster a sense of connection within the global culinary community.

By bridging the gap between traditional and modern methods of recipe discovery, Recipe Bank aspires to empower individuals to explore the culinary world with greater ease, efficiency, and enjoyment, fostering a love for cooking and creating a vibrant space for culinary exploration and connection.

Objectives

Expanding User Base:

- Increase the application's user base by 50%.
- Keep track of and compare the number of active users each month.

Enhancing user engagement:

- Increase the number of users who save at least one recipe every month by 30%.
- Keep track of how many recipes people save and like.

Adding High Quality Content:

- Every month, add at least 50 new recipes to the programme.
- Keep track of how many new recipes are uploaded each month.






Improving User Satisfaction:

- Increase the consumer satisfaction rating to 4 out of 5.
- Involves regularly evaluating and scoring user input.

Increasing Users' Time Spent on the App:

- Increase the average user session time from 5 to 7 minutes.
- Monitor the average user session time on

Approval Signatures and GitHub Accounts

TEAM MEMBER NAMES	SIGNATURES	GITHUB
MERT CAN ERDOĞAN		https://github.com/group7s2
BARIŞ ÖZDEMİR		
FULYA AYDIN		
İDİL SANEM GÜRSOY		
HASAN EFE ÜNAL		
ATAKAN ACAROĞLU	