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project goal

We aim to develop a new food sharing platform that focuses on optimizing resource utilization and meal planning. Our application's primary objective is to assist users in efficiently organizing their weekly meals by generating accurate shopping lists for ingredients of their favorite food. Additionally, it serves as a social app where users can share recipes with their friends and followers.

Selected Approach

We used the Scrum method in our project for its agility, collaboration, iterative improvement, and predictable delivery. Scrum enables us to quickly adapt to changes, foster teamwork, continuously improve our processes, and deliver the project on a predictable timeline. To do so, we appointed a scrum master and scheduled a daily standup meeting to manage the progress.

Introduction

Insta Foodies aims to a specific audience of food enthusiasts who are passionate about sharing and enjoying food-related content while also valuing the responsible use of resources. Distinguishing itself from conventional social apps that prioritize personal details and appearances, Insta Foodies provides a unique platform where users can showcase their culinary skills and accomplishments without compromising their privacy. Moreover, recognizing the alarming scale of food waste, which reaches a staggering 108 billion pounds annually in the United States alone, Insta Foodies actively promotes conscientious grocery shopping by generating precise shopping lists and guiding users towards online grocery stores. These initiatives are aimed at curbing food waste and fostering sustainable practices among our users.

Solution Description

Insta Foodies is a social app designed for food enthusiasts, offering a unique and delightful experience. Powered by Node.js server with load balancing and multi-threading, our app ensures high performance and efficient handling of user traffic. With the MVVM architecture, we maintain a well-structured codebase, providing a smooth user interface and effective data management. Advanced AI tools enable food classification, OCR, and audio-to-text features, enhancing user interactions. Our scraping mechanism gathers recipes and related data, enriching the app's content. Insta Foodies combines innovation, user-friendliness, and a vast recipe database to connect food lovers worldwide.



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Group 73

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