

PROBLEM STATEMENT:

Despite the abundance of recipe apps, there is a significant gap in the market for a reliable solution that efficiently transforms leftover ingredients into personalized recipes. Existing apps often lack the capability to generate recipes based on available items, offer a seamless shopping list integration, and provide detailed nutritional information. Our aim is to develop a recipe app that fills this void, using innovative features to create personalized recipes from leftovers, streamline the shopping process, and deliver comprehensive nutritional facts for informed meal choices.

SOFTWARE REQUIREMENTS:

- 1.Flutter SDK.
- 2.Dart SDK.
- 3.Development IDE:Visual Studio Code .
- 4.Git.
- 5.A Reliable Food API.
- 6.Flutter Plugins and Packages.

HARDWARE REQUIREMENTS:**Computer:**

- Processor: Intel i5/i7/i9 or equivalent AMD Processor.
- Memory: 8 GB RAM minimum, 16 GB or more recommended.
- Disk Space: Minimum of 10 GB free disk space, SSD preferred for faster performance.
- Operating System: Windows (7 SP1 or later), macOS (latest version recommended), or Linux.

Mobile Devices:

- For testing purposes, access to physical iOS and Android devices is ideal. This ensures that the app performs well in real-world conditions.
- iOS: iPhone or iPad running the latest iOS version.
- Android: Android phone or tablet with recent Android version.

Network Connection:

- A stable internet connection is essential for downloading dependencies, accessing APIs, and testing network-related functionalities.