Problem Statement:

Nibbles: a user-friendly food app built with Flutter, designed to simplify your search for delicious meals and snacks. Nibbles ensures smooth functionality and real-time updates, allowing you to effortlessly search for food, scan QR codes for information, create personalized lists of favorite foods, and apply filters to refine your choices. Compatible with various devices, Nibbles prioritizes safety and ease of use, inviting users to embark on a delightful culinary journey. Why not give Nibbles a try today and discover a world of delicious foods?

Software Requirements

1. Flutter SDK.
2. Dart SDK.
3. Development IDE:Visual Studio Code .
4. Git.
5. Flutter
6. Firebase (Authentication & Storage)
7. Provider Library

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.