Name: Anish Mayekar   Class: D15B
Roll. No:36

Topic: Vocabulary Builder

Prerequisites

Problem Statement: Building a Vocabulary Builder in Flutter

Many individuals struggle to expand their vocabulary, impacting their communication skills, career opportunities, and overall confidence. Existing vocabulary learning apps often lack engaging interfaces, personalized learning experiences, or effective retention strategies. Additionally, they might not be accessible to everyone due to platform limitations.

This project aims to address these issues by building a vocabulary builder app in Flutter, a cross-platform framework.

Requirements
1. Flutter SDK.
2.Dart SDK.
3.Development IDE: Visual Studio Code
4. Git
5.State Management Tool.
6.Flutter Plugins and Packages: geolocation for location-based weather data

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