MPL Prerequisites

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Class: **D15B**   Roll No: **03**

Topic: AccountEase App

Problem Statement:
AccountEase, a Flutter-based application, is dedicated to digitizing traditional offline ledgers (khata books) and offers a streamlined digital ledger cash book for businesses. The application is designed to simplify financial transactions, allowing users to record, manage, and analyze customer accounts efficiently. In response to user feedback and industry needs, AccountEase is now expanding its features to include Automated Reminders and Custom Reports.

Software Requirements:

1. Flutter SDK:
   Install the Flutter SDK to harness its robust set of pre-built widgets and tools tailored for developing cross-platform apps like AccountEase.

2. Integrated Development Environment (IDE):
   Choose a Flutter-compatible IDE, such as Android Studio, IntelliJ IDEA, or Visual Studio Code, equipped with the necessary Flutter and Dart plugins for seamless coding and debugging.

3. Firebase SDK:
   Advanced backend features like authentication, database, and storage, integrate Firebase SDK into the Flutter project for a secure and scalable solution.

4. Version Control System (e.g., Git):
   Implement a version control system like Git to effectively manage the source code of the AccountEase project, ensuring collaborative development and tracking changes.

Hardware Requirements:

1. Computer:
   Ensure a computer running Windows, macOS, or Linux with ample processing power and memory to support the development environment and run emulators or physical devices.

2. Mobile Devices:
   For testing purposes, utilize physical devices (Android and iOS) or emulators/simulators provided by the respective platforms, ensuring compatibility with the AccountEase App.