Prerequisites

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Attendance Manager App

- ## Introduction

Welcome to the Attendance Manager App! This Flutter mobile application offers a simple yet powerful solution for tracking attendance across various subjects or classes. Whether you're a student keeping up with your lectures, an educator monitoring class attendance, or a professional managing training sessions, Attendance Manager App is designed to streamline your attendance management process. With its intuitive interface and comprehensive features, Attendance Manager App helps you stay organized and informed about your attendance records.

Software Requirements
- Flutter SDK (version X.X.X)
- Dart SDK (version X.X.X)
- Any compatible IDE (e.g., Android Studio, VSCode)
- Firebase account (optional, for backend services)

Hardware Requirements
- Android device with minimum API level 16 (Jelly Bean, 4.1.x) or iOS device with minimum iOS version X.X
- Minimum of 1GB RAM recommended for optimal performance
- Internet connection for initial setup and syncing across devices
- Storage space for app installation and local data storage

Features

- **Subject Management:** Add, edit, and delete subjects with attendance details.
- **Attendance Tracking:** Easily update classes attended and total classes with intuitive tick and cross icons.
- **Attendance Targets:** Set percentage targets for individual subjects to monitor progress.
- **Total Attendance Overview:** View overall attendance percentage, total classes attended, and total classes.
- **Monthly Reports:** Generate detailed attendance reports by selecting specific dates from a calendar view.

Installation

1. Clone this repository to your local machine.
2. Ensure you have Flutter and Dart SDK installed on your machine.
3. Open the project in your preferred IDE.
4. Run flutter pub get to install dependencies.
5. Connect your device or start an emulator.
6. Run flutter run to launch the application.

Usage

1. Sign up or log in to your account to access your attendance records.
2. Add subjects or activities and update attendance details as needed.
3. Set attendance targets for individual subjects through the app settings.
4. Monitor overall attendance overview and track progress over time.
5. Generate monthly reports to analyze attendance trends and patterns.

Enjoy a streamlined attendance management experience with the Attendance Manager App!