

Topic : Building a Doctor Appointment app using Flutter.

Problem Statement : Booking appointments with doctors can be difficult and slow, especially during the pandemic. People often have to wait a long time, appointments are hard to get, and going to the doctor's office can be risky. We need a solution that makes booking appointments easier, gives people more options to see doctors, and keeps them safe. **MediConnect** wants to help by creating an easy-to-use app where you can quickly book appointments online, see when doctors are available.

Software Requirements :

1. *Flutter Framework:* Version 2.0 or later to enable cross-platform development.
2. *Dart Programming Language:* As Flutter is based on Dart, ensure compatibility with the latest Dart SDK.
3. *Firebase Integration:* For backend services, including authentication, real-time database.
4. *Version Control:* Using Git for version control to track changes and collaborate with a development team.
5. *Code Editor:* Recommend using Visual Studio Code or Android Studio with Flutter and Dart plugins for coding.
6. *Dependency Management:* Utilizing Flutter's package manager, pub, for managing project dependencies.

Hardware Requirements :

1. *Development Machine:* A computer with sufficient processing power and RAM to comfortably run the development environment.
2. *Mobile Devices:* Physical devices for testing on both iOS and Android platforms.
3. *Storage:* Adequate storage space for storing project files, dependencies, and build artifacts.