



Flutter Development Intern Assignment

Assignment(24Hours)

Task 1: Create a Chat App Application with basic Email and Password Authentication.

Recommended Tech stack : Firebase(Realtime Database/Cloud FireStore), Flutter and Dart.

Chat App Authentication Fields :

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|----|---------------|
| 1) | Mobile Number |
| 2) | Name |
| 3) | Email ID |

Authentication Methods To be Implemented:

- 1) SignIn
- 2) SignUp(Mobile Number, Name, Email ID)
- 3) Log out/Sign out

Implement authentication so that only authenticated users are allowed to perform CRUD operations.

Task 2 : Create the frontend for the app to show all Users to chat with and their messages. And to store the sent message by a user to their particular UID in Firebase Storage.

- 1) Implementing Create, Read, Update, and Delete (CRUD) operations for messages.
- 2) Storing messages in Firebase Firestore or Realtime Database.
- 3) Ensuring real-time updates and synchronization across different devices.

Integrate the flutter application for CRUD requests and response from Firebase.

Submission Format :

- **Code :** Github Link and build APK file