1. **Requirement Specification**

Functional Requirements:

The key requirement of an application is to provide a system for Online Chatting at a small scale.

Non-Functional Requirements:

- Ease of operation: The User Interface must be

user friendly The chat room is simple as it has a wall chat like structure.

- Accessibility: The application must be available for use as and when required.

Hardware Specifications (minimum):

* Operating System: Windows, Mac
* Processor : Intel Core 2 Duo 3.0 GHz
* RAM: 4 GB

Software Specifications:

* Language: Dart
* Tools: Flutter , Android Studio
* Database: Firestore (GCP)
* IDE : Visual Studio Code

The first page is basically home page which will ask the user either to register or to login. The second page is for new users that is registration and after filling details on it, new account of user will be created and after that the login page where the details of pre-registered users will be matched from database and if the details are right the user will be landed to chat-room or page where user can chat plus it also has a logout button at the top corner of app bar by pressing it user will get the login page.