2.0 Tasks

2.0.1 UI Development

Consider we are designing a web chatting application, so our team should design a landing page, the main chatting page, and the user’s profile page. Each page should have its own GUI design and layout.

2.0.2 Database Management

The database manager should provide all functionality to interact with the database for syncing purposes.

2.0.3 Profile Manager

Profile manager should sync all profile data with a database and provide customizable features.

2.0.4 Login Manager

Login manager needs to verify login credentials, provide a secure login environment, and manage session data.

2.0.5 Contact Manager

Contact manager should provide functions such as: add friend, delete friend, and sync all related data with the database.

2.0.6 Chat Manager

Chat Manager should manage ‘rooms’, the environment through which users can send each other messages. All chat features should be contained here (i.e. send messages, initiate voice calls, add more users to the room, etc.).

3.0 Resources

3.0.1 Hardware

Desktop/Laptop that is strong enough to support window 10

3.0.2 Software

According to the function we want to have in our web application, we will use cloud serve for database, JavaScript, MySQL or oracle, and python to develop our application.

4.0 Role

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Role | | | | |
|  | Tianyi Li | Percy Silva | Adam Ibrahim | Chen Wang |
| UI Designer | ✓ | ✓ |  |  |
| Database Management | ✓ |  | ✓ |  |
| Profile Management |  |  |  | ✓ |
| Login Manager |  |  |  | ✓ |
| Contact Manager |  | ✓ | ✓ |  |
| Video/Voice Management | ✓ |  |  | ✓ |
| File Management |  |  | ✓ | ✓ |
| Text Management |  | ✓ |  | ✓ |
| Version Controller |  |  | ✓ |  |
| Risk Management |  |  | ✓ |  |
| Tester | ✓ |  | ✓ |  |