Chat Application

High Level Architecture

Major Modules

User sign up page

Sign up page is used for people to register an account and use the chat application if the user has successfully registered.

User login Page

Login Page is used for registered users and be able to use the chat application.
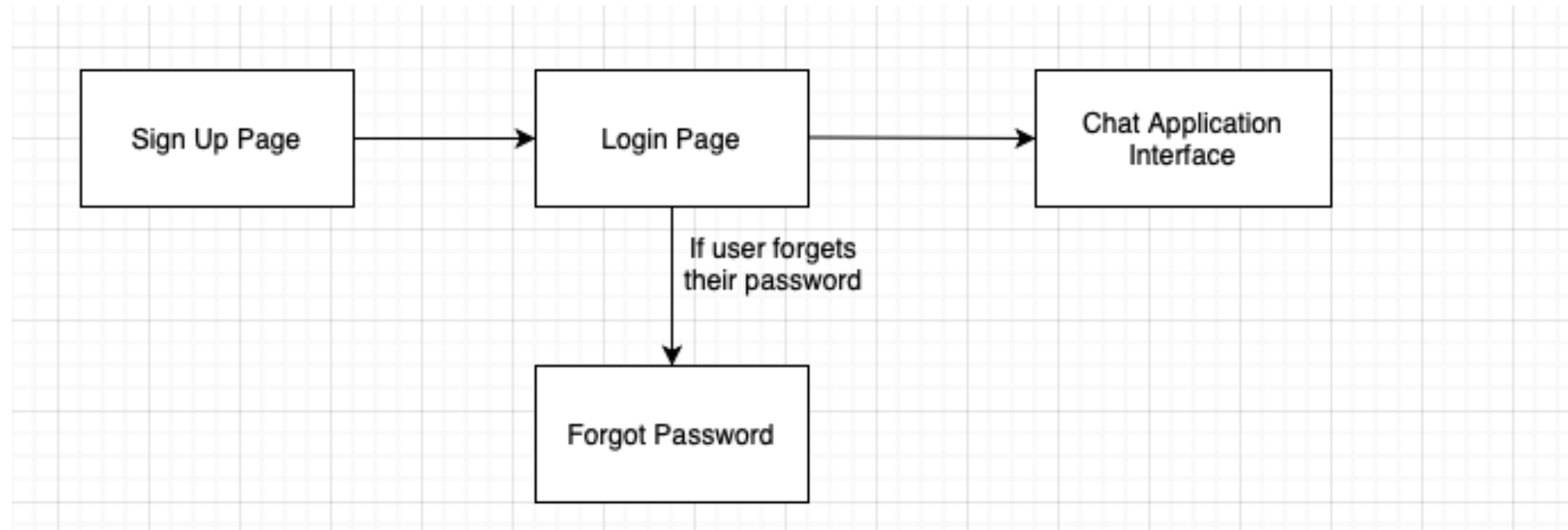
Forgot Password

Forgot Password page is used for registered users to reset their password in case they forgot their password.
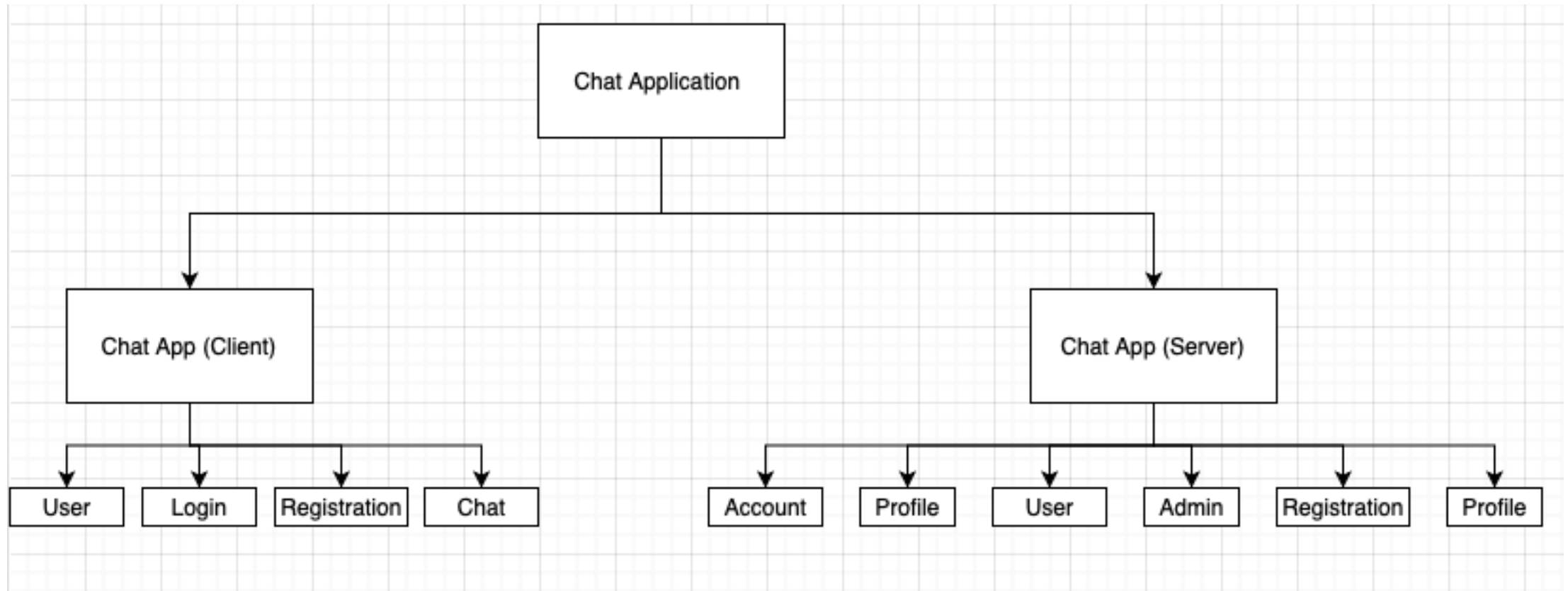
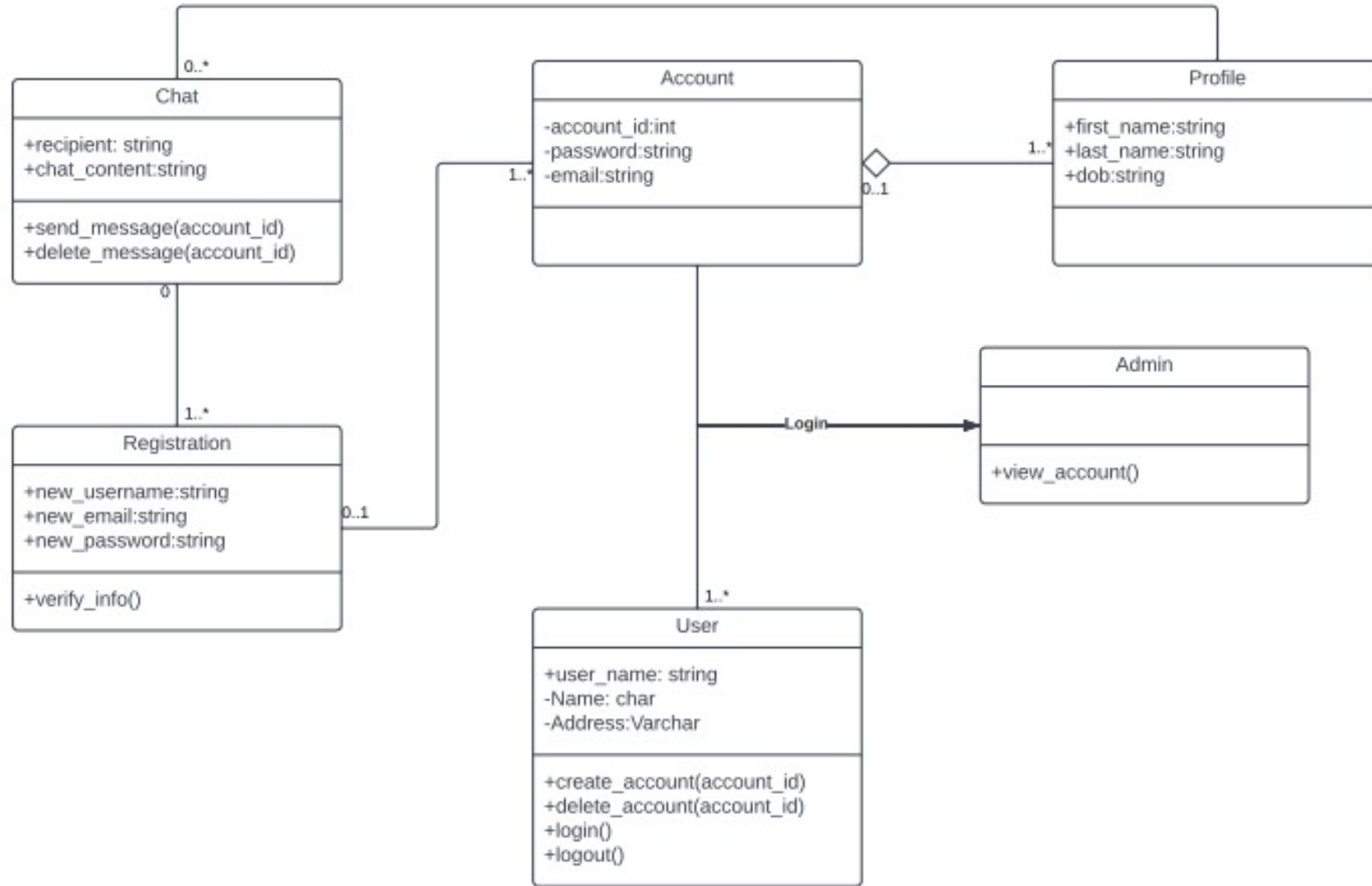| |
|---|
| Chat Application Interface |

This is the main Interface page for the chat application where users can send messages to each other.
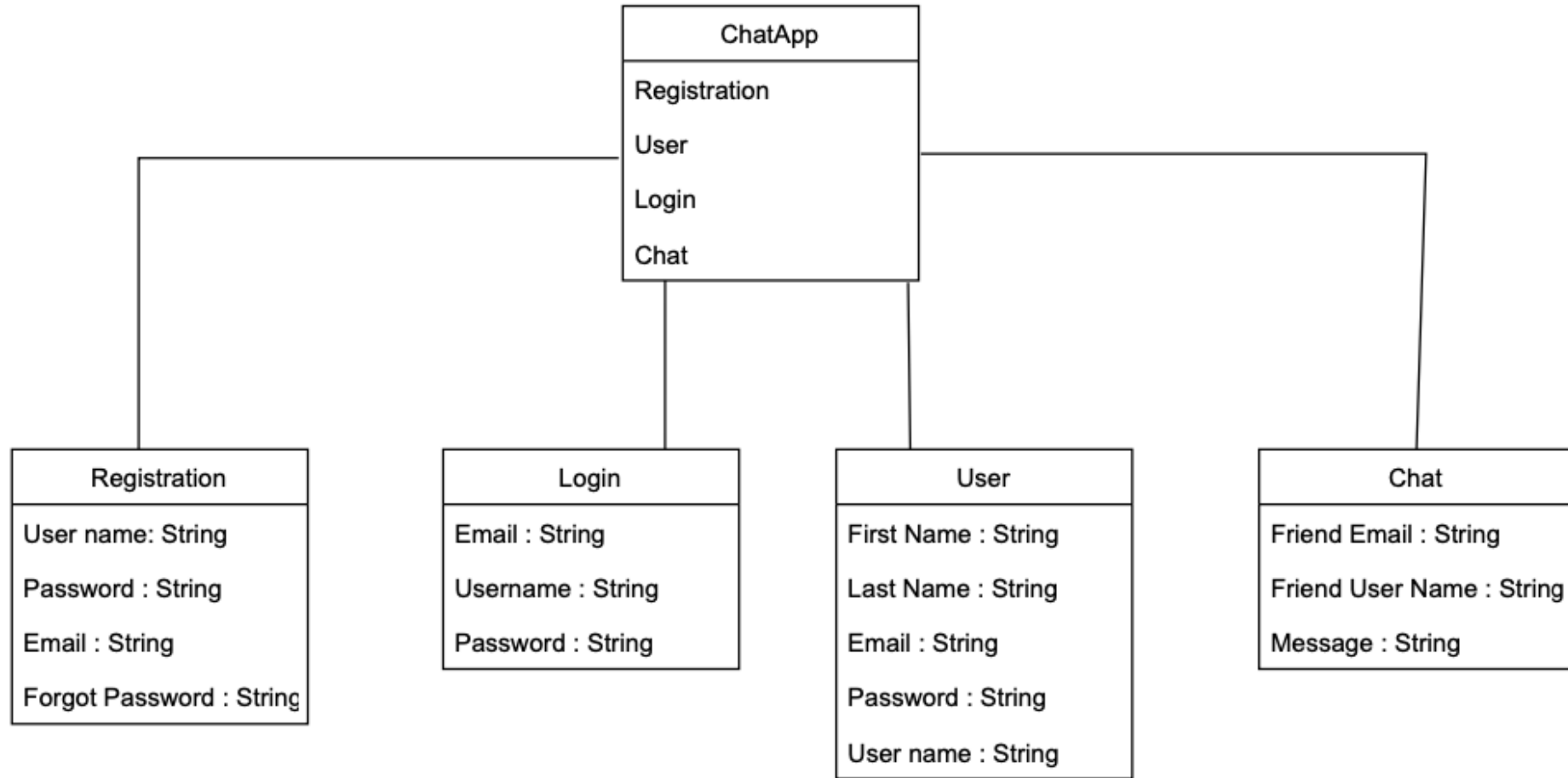
Module Connections
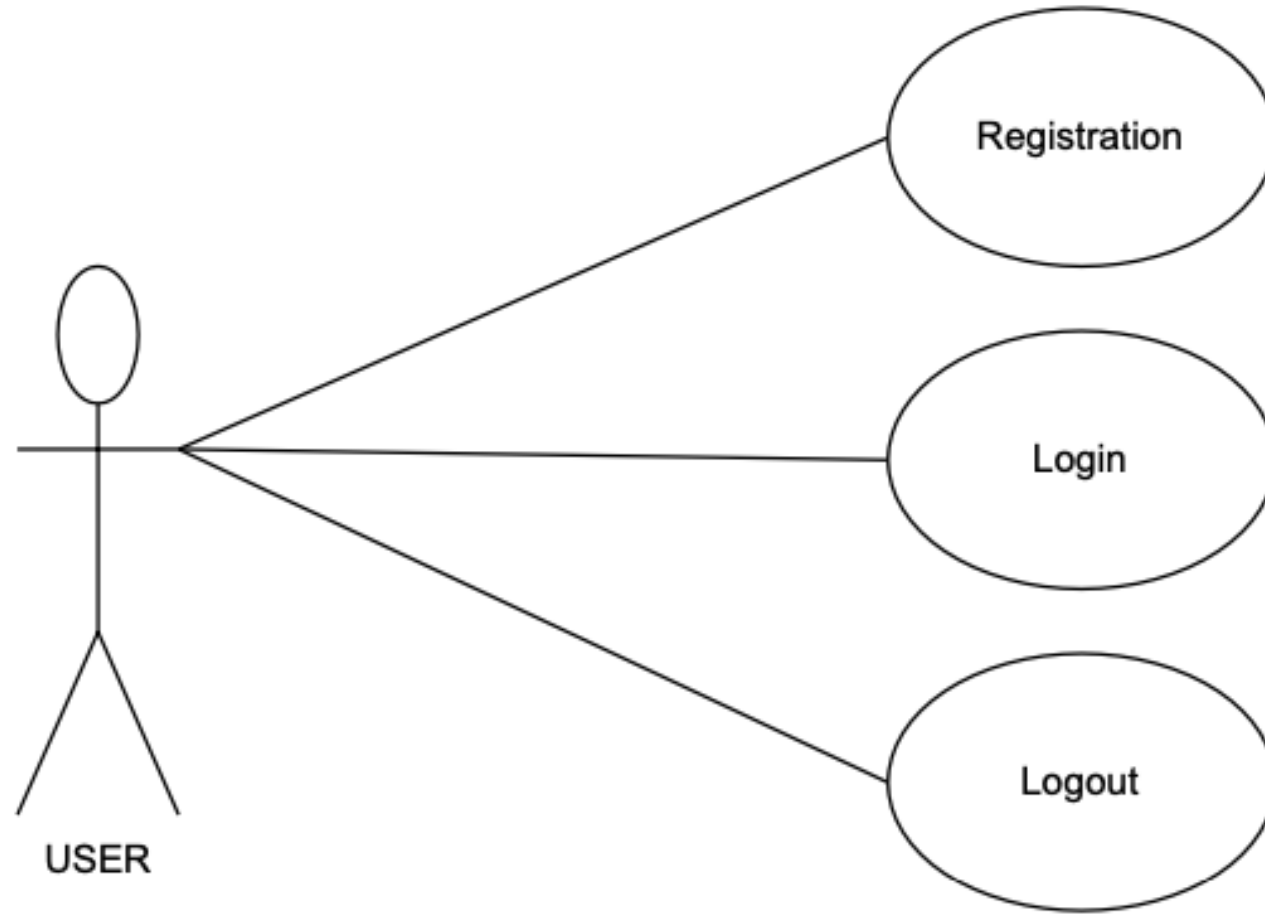
Major Modules Architecture
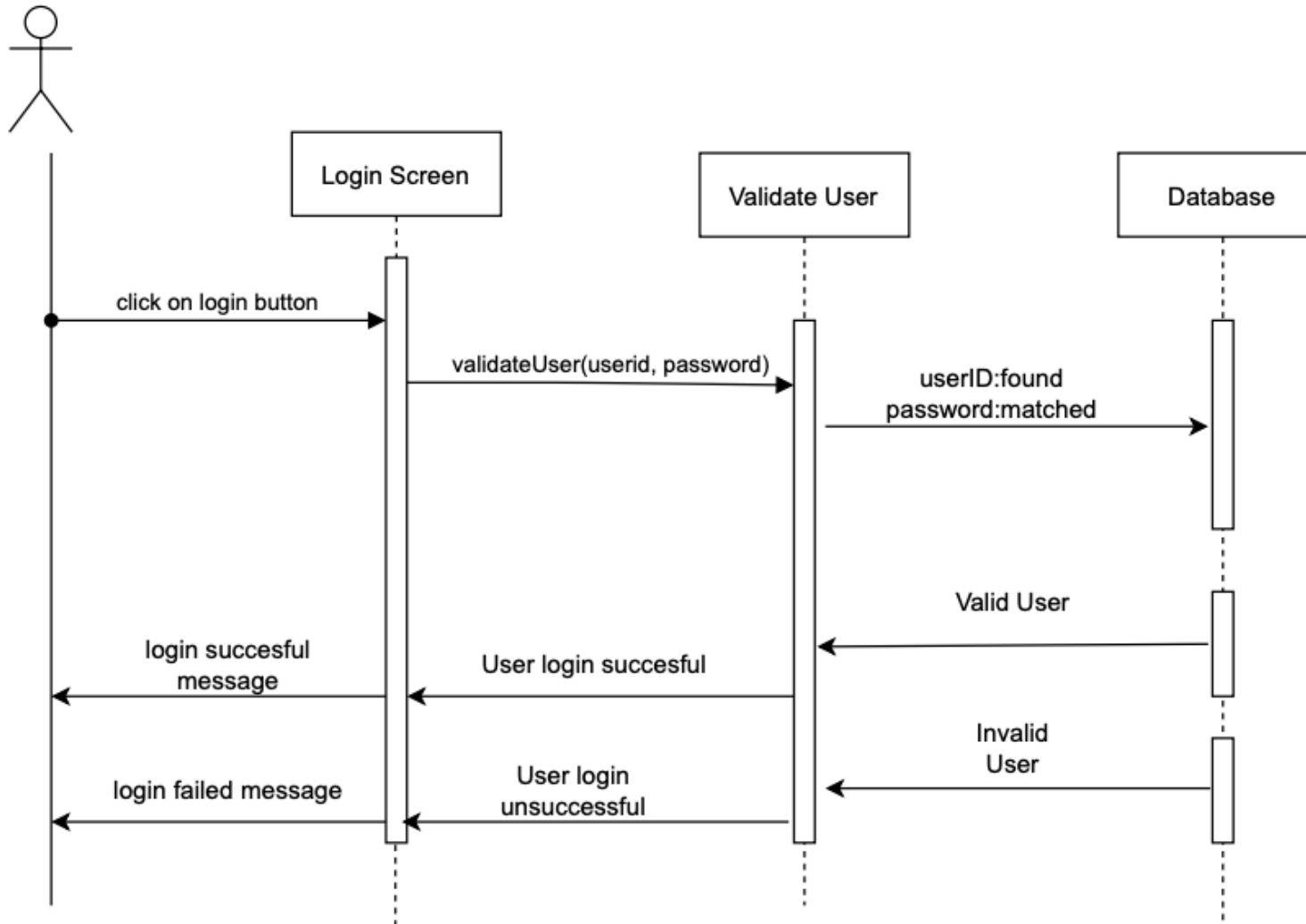
Class Diagram for Server Side

ChatApp
Registration
User
Login
Chat

Registration
User name: String
Password : String
Email : String
Forgot Password : String

Login
Email : String
Username : String
Password : String

User
First Name : String
Last Name : String
Email : String
Password : String
User name : String

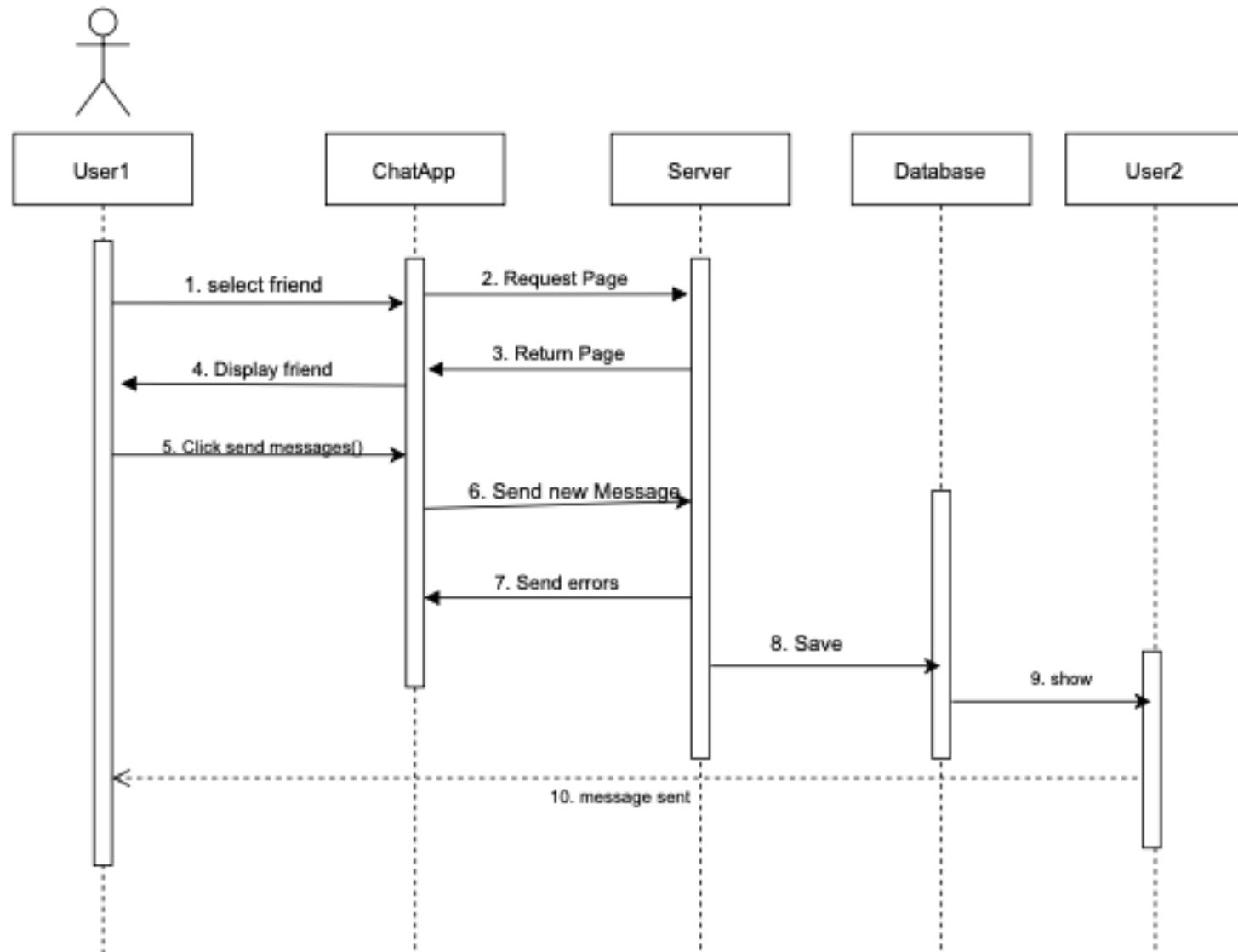| Chat |
| --- |
| Friend Email : String |
| Friend User Name : String |
| Message : String |

Class Diagram for Client Side

Chat App User Authentication system.

Sequence diagram for login functionality

Sequence Diagram of Send Message Functionality

THE END

- Thank you