User Stories

Theme: Login

1. As a new user, I want to create an account so that I can start using the application to communicate with colleagues and friends.

Conditions of satisfaction:

* Registration form must include inputs for first name, last name, username, password, email, and phone number.
* If input validation passes, a confirmation email will be sent to the user.
* The user can now log in using the registered credentials.

1. As a registered user, I want to be able to reset my password if I forget it so I can continue to communicate with colleagues and friends.

Conditions of satisfaction:

* The forgotten password form must include an input for the email associated with the user’s account.
* Once validated, the user will receive a password reset link via email or SMS.
* Password reset links are time limited for security.
* Users can set a new password once the link has been accessed within the time limit.

1. As a registered user, I want to login so I can check for any new messages or send a message to a colleague.

Conditions of satisfaction:

* The login form requires only a username and password.
* Once validated, users are redirected to their home page.

Theme: Messaging

1. As a user, I want to send real-time messages to my friends, so that we can have immediate and responsive communication.

Conditions of satisfaction:

* Messages are delivered instantly to the recipient.
* Both the sender and recipient receive real-time notifications for new messages.
* Users can send text messages, emojis, and multimedia content.

1. As a user, I want to create a group, so that I can collaborate with multiple people in a single chat.

Conditions of satisfaction:

* Users can create a new group and set a group name.
* Group creators can add or remove members from the group.
* Group members can see the group's chat history.

1. As a user, I want to be able to search for specific messages and filter messages by user / group.

Conditions of satisfaction:

* Users can search for messages within the messaging interface.
* Search results are limited to messages where the user is a participant (sender or recipient) to maintain privacy.
* The search allows filtering by user, group, or period.
* Results are displayed clearly and organized by time received.

Theme: Security

1. As a user, I want to ensure the security of my account, so that my personal information and messages are protected.

Conditions of satisfaction:

* Passwords must be securely hashed and stored.
* Users should have the option to enable two-factor authentication during registration or later in the account settings.
* Users can change their password and manage security settings.