



**Computer Networks Project:**  
**Android App Instant**  
**Messenger**

## Group Members:

- i) Bilal Ahmed Khan (20k-0183)
- ii) Muaaz Alam (20k-0212)

## Project Proposal Description:

The ChatMe Android instant messaging app will allow users to communicate with each other in real-time using text, images, and emojis. Users will be able to create a profile with a profile picture, username, and status message. The app will have a simple and user-friendly interface that will make it easy for users to send and receive messages.

## Plan of work:

In the next five weeks, our team will split into two and work on the following tasks:

### Bilal Ahmed:

1. User registration and login functionality
2. User profile creation and customization functionality.

### Muaaz Alam:

1. Real-time messaging with text, images, and emojis functionality
2. Notification alerts for new messages functionality
3. Chat search functionality

## References:

Flutter Developer Documentation: [Flutter - Build apps for any screen](#)

Firebase Documentation: <https://firebase.google.com/docs>

Material Design Guidelines: [Material Design](#)