

## YThis - Android ChatApp

YThis is a Chatapp made for Android Operating System, using the IDE Android Studio. This project is built with the programming language Java and includes certain other tools like XML for the layout of different Activities of the App. This app is basically a mini Whatsapp clone.

On successful installation of this app, you can see an Activity like this as shown in the Figure.1

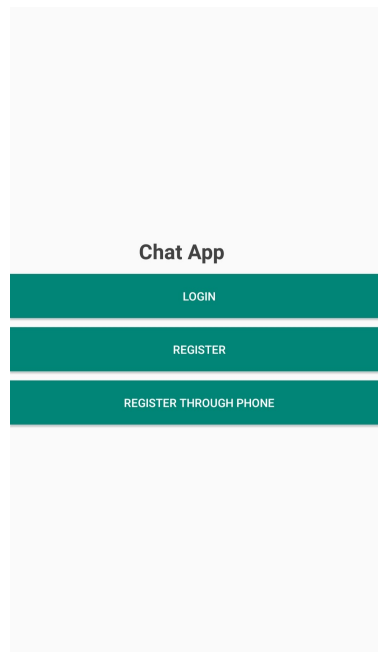


Figure 1: Main Activity

Here you can login or register, if you have done or haven't done any registration into the app respectively. You can look at those activities in Figure.2 respectively.

Authentication of users is based on e-mail id and on successful registration with your mail-id, if it is not already registered prior, you will get a confirmation mail through which you can login. If the mail-id already exists, you will get a toast saying, "You can't register with this email". During Login, if you forgot the password, you can reset the password using your registered mail address, as shown in the Figure.3

← Register

Create a new account

Username

Email

Password

REGISTER

(a) Registration Activity

← Login

Login

Email

Password

LOGIN

Forgot your password

(b) Login Activity

Figure 2: Authentication

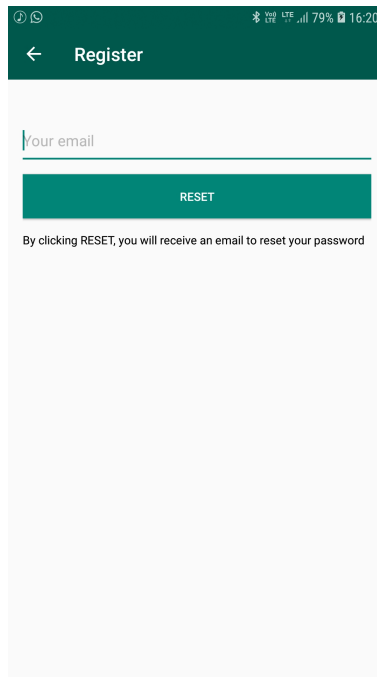


Figure 3: Reset Password Activity

On successful login into the app, you can see the list of users who are already logged in into the app as shown in the Figure.4 . If the profile picture of the user has a **green** colored dot at the bottom right, it means the user is active and using the app now. If the dot is **gray**, it means that the user is offline as shown.

You can chat with any user, whom you can see in your users list. On pressing any User, you can see a view similar to the Figure.5 .

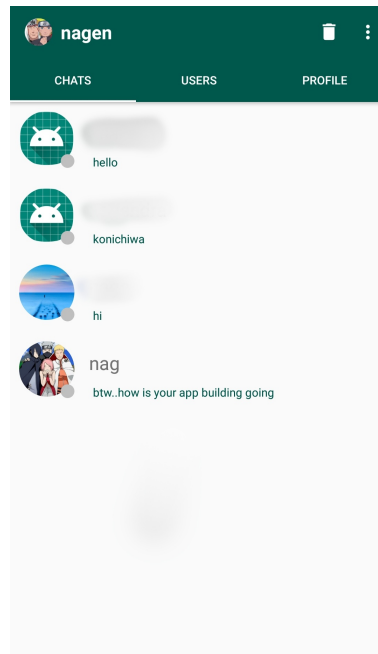


Figure 4: Users Activity

You can also edit your profile picture, by clicking on the camera icon at the bottom right of the picture, which opens your gallery and asks you to select an image as shown in the Figure.6 .

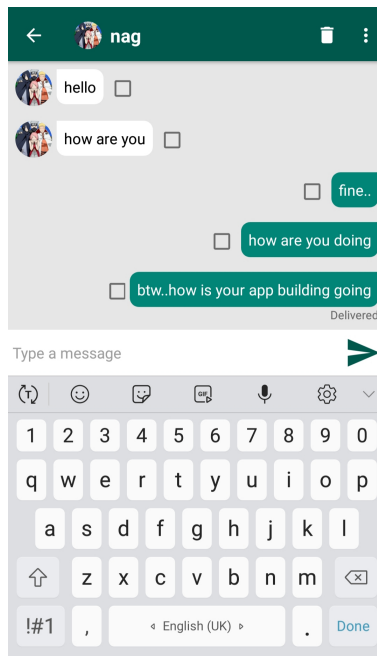


Figure 5: Chat Activity

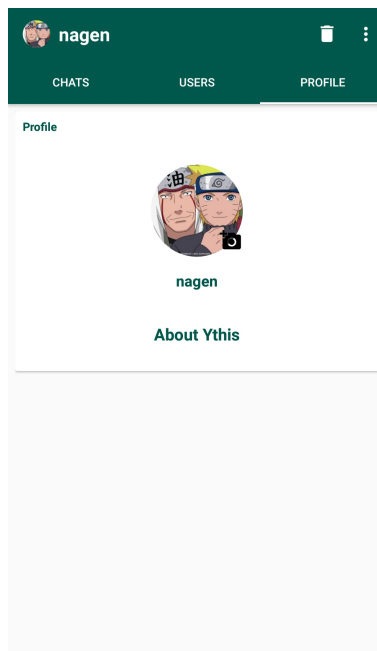


Figure 6: Profile Activity