PROJECT DOCUMENTATION

Mobile Application Development

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Report Written By:

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Chat Application

Objective:

The main objective of this project is to implement the concepts of Mobile Application Development that we learnt in the class throughout the semester. I learnt a lot of new things too, while developing this application.

Components:

FireBase Services including Storage, Authentication, Password Reset service, Database. Storing information with pictures in the storage and database on the FireBase.

Fragments, sending data between fragments. Used ViewPage to manage fragments.

Language: JAVA

About Project:

The project seems to be old but to work on that is fun to create apps that are used by millions of people to be connected with their loved ones. This application is developed using the motivation of whatsApp. WhatsApp has a lot of features, but in this app, I try to implement the concepts that we studied in the class.

Operations:

- Registration Page
- Login Page
- Chats Fragment
- Profile Fragment
- Users Fragment
- Users can send messages to each other
- Users can see who is online and offline

Demo:

- This is simple chat application in android which is developed using the basic concepts of mobile application development in android (JAVA)
- The application contains 3 fragments
  - **Chats**
  - **Users**
  - **Profile**
- Users can register and login to the application using their email and password
- User can reset the password using his/her email.
- Users can see online users, delivered messages or seen messages
- Users can send messages over the internet
- Users can update their profile pictures

Reset Password

4:52 PM

Your Email

RESET

By clicking RESET, you will receive and email to reset your password

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4:51 PM

Ali

CHATS   USERS   PROFILE

Khair Muhammad
fine too

khair
hi

Saad
hello saad

Muhammad
ggg

4:51 PM

Ali

CHATS   USERS   PROFILE

Profile

Ali

4:51 PM

Ali

CHATS   USERS   PROFILE

Search..

Khair Muhammad

khair

Saad

Muhammad