

Li Tian's Assignment 7

ChatApp

Introduction

Implement a simple cloud-based chat app, where clients exchange chat messages through a Web service. You are given a simple chat server that apps will communicate with via HTTP. You should use the Http URL Connection class to implement your Web service client, following the software architecture described in class.

Running the Server App

The last segment of the URI is the message identifier of the message, that should be used when inserting the message in the content provider.

The server contains some debug commands that allow you to interrogate it. For example, you can test if a client is registered as follows:

```
curl -X GET -H 'X-Client-Id: 123e4567-e89b-12d3-a456-426655440000' \
'http://host-name:8080/chat'
```

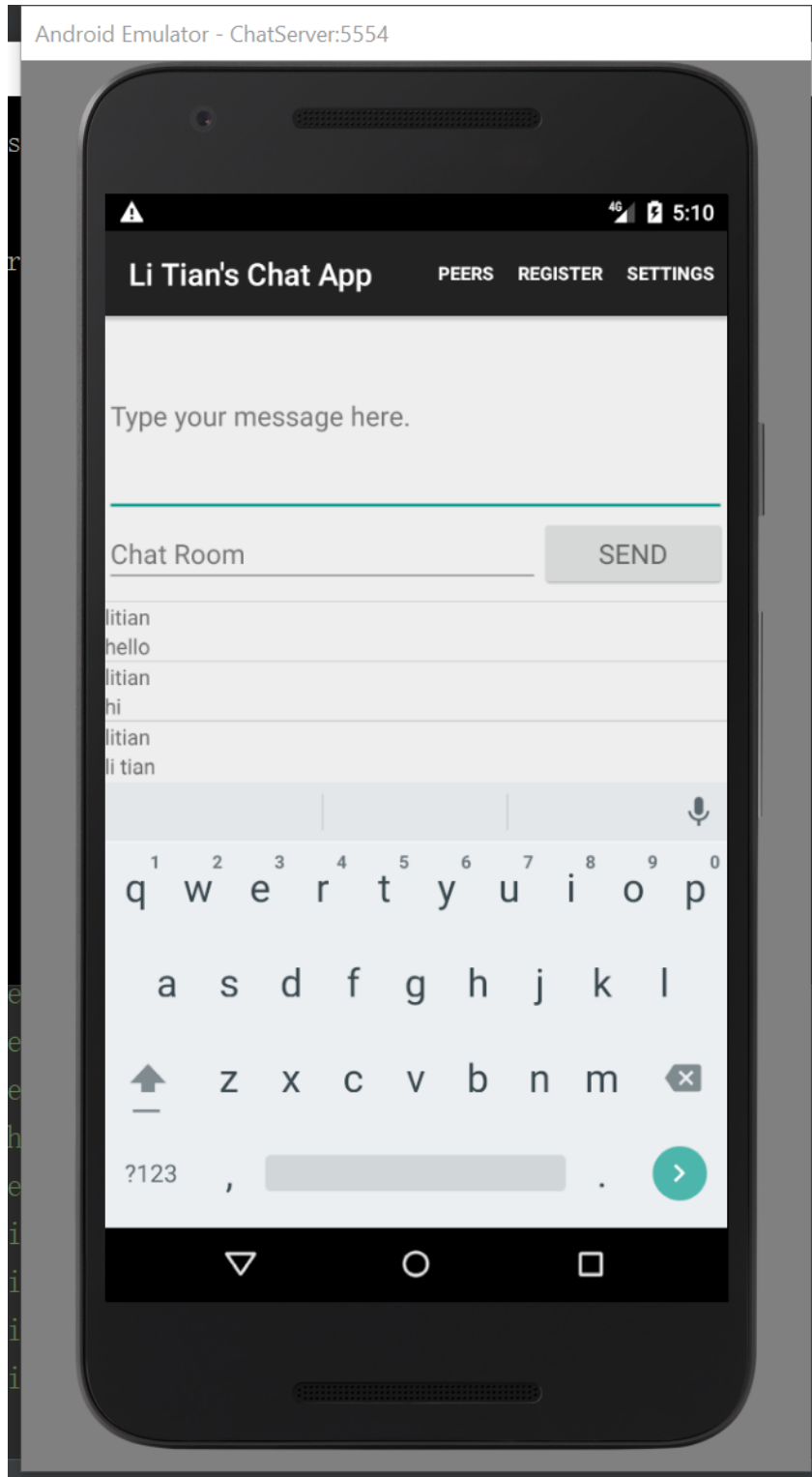
You can query for the messages that have been uploaded as follows:

```
curl -X GET 'http://host-name:8080/chat/messages'
```

Finally, you can query for the log at the server as follows:

```
curl -X GET 'http://host-name:8080/chat/log'
```

Screenshots



Getting Started

This sample uses the Gradle build system. To build this project, use the "gradlew build" command or use "Import Project" in Android Studio.