

CS 522—Mobile Systems and Applications
Assignment Ten—Cloud Chat App

Video should show app launching from Android Studio with code completed.

- 100: If APK file not included (must be in **root folder** of submission).
- 100: If testing is not done against the server provided running in the cloud (see announcements)
- 100: If testing does not involve at least two devices, sharing messages with each other

75: Functionality (video demonstration)

- ☐ 10: Client registers with server (see server output).
 - ☐ 5: List of messages on client updates when message sent
 - ☐ 5: Server displays a list of messages received so far (using `curl -X GET`)
 - ☐ 15: Client is able to upload messages to server (see server output)
 - ☐ 20: Client is refreshed with its messages and those of other clients
 - ☐ 15: Client is updated with list of other clients from server
- ☐ 20: Sync operation should use streaming http: `RestMethod` operation returns `StreamingResponse`. Sending of JSON data, and receipt of JSON response, is done by `RequestProcessor` (for sync operation) by reading and writing streams using the `okhttp3.RequestBody` and `okhttp3.ResponseBody` interfaces (see `RestMethod`)
- ☐ 5: Completed rubric

Total: