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

70: 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`)
- 20: Client is able to upload messages to server (see server output)
- 20: Client is refreshed with its messages and those of other clients
- 10: Client is updated with list of other clients from server

10: Sync operation should use streaming http: RestMethod operation returns StreamingResponse (pair of HttpURLConnection and Response). Sending of JSON data, and receipt of JSON response, is done by RequestProcessor (for sync operation) by reading and writing streams in the HttpURLConnection.

10: Use AlarmManager to schedule periodic synchronizations.

10: Json data is read using JsonReader, and written using JsonWriter.