

CS 522—Mobile Systems and Applications
Assignment Four—Application Architecture—Rubric

- 100: If **any** synchronous querying in activity on the main thread (insertion OK for this assignment).
- 100: If APK files not included (must be in **root folder** of submission).
- 100: If videos do not demonstrate running the app from Android Studio, where the code including the database definition with annotations is clearly visible.

30: Design

- 10: entity classes for Messages and Peers (entities package) ☐
- 10: MessageDao and PeerDao annotated ☐
- 10: ChatDatabase annotated ☐
- -50: DAO operation signatures changed in any way
- -50 if any querying on the main thread (insertion is okay for now)

60: Functionality (video demonstration)

- 15: Client sent message is received at server (displayed in main activity, show several messages being received) ☐
- 15: View list of peers ☐
- 15: View information about a peer (including their messages) ☐
- 15: Exiting app and restarting shows messages still available ☐
- -15 if duplicate peers are inserted (should be upsert whenever message received)
- -10 if no duplicates but peer is not updated (should be upsert whenever message received, see timestamp in ViewPeerActivity)
- -10 if no messages displayed with a peer's details
- -10 if messages displayed with a peer's details include other peers' messages

Generated Schema from schemas folder (5 pts): ☐

Completed Rubric (5 pts): ☐

Overall Total: