

CS 522—Mobile Systems and Applications
Assignment Five—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.

30: Design

- 15: Completed view models for all activities. [15]
- 15: Completed activities, including adapters for RecyclerView [15]
- -50: Using ListView instead of RecyclerView
- -50: Activities access database directly instead of through ViewModel
- -50: DAO operation signatures changed in any way
- -50 if any querying on the main thread (insertion is okay for now)

65: Functionality (video demonstration)

- 15: Client sent message is received at server (displayed in main activity, show several messages being received) [15]
- 15: View list of peers [15]
- 15: View information about a peer (including their messages) [15]
- 20: (Main activity) Reorienting the app shows activity being destroyed and recreated (in the logs) but view model is not destroyed until the app is exited. [20]
- -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

Completed Rubric (5 pts): [05]

Overall Total: [100]