CS 522—Mobile Systems and Applications
Assignment Three—Content Providers—Rubric

Design

-100: If any activity does not use loader API to query content provider.
-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).
-50: If adapter notifyDatasetChanged() is called anywhere else except onLoadFinished().

Functionality (video demonstration, shows content provider in Android Studio)

☐ 20: Client sent messages are received at server (displayed as list in main activity, at least three peers sending multiple messages)

☐ 20: View list of peers (peers obtained from content provider)

☐ 20: View individual peer (with messages from that peer, obtained by querying content provider)

☐ 20: Individual peer's details (timestamp and messages) updated when new message arrives from that peer

☐ 15: Exiting app and restarting (with a **cold boot**) shows messages and peers still available

-20 if duplicate peers are inserted (should be upsert whenever message received)

-20 if no messages displayed with a peer's details

-10 if messages displayed with a peer's details include other peers' messages

-10 if a peer's messages are not updated when a new message is received from that peer

Completed Rubric (5 pts): ☐

Overall Total: ☐