CS 522—Mobile Systems and Applications Assignment Eight—Chat App with Service—Rubric

-100 if any network communication or database I/O on the main thread

- -100 if APK files not included (must be in **root folder** of submission).
- -100 if using obsolete onBackPressed() callback in activity
- -100 if only one device sending messages to itself

100 if only one device bending messages to listen
70: Functionality (video demonstration)
20: Sent messages are received at destination; demo video shows at least two devices
communicating (show messages in both directions)
15: Each app displays a list of messages received so far, updated when a message is
received
5: Updating list of chat rooms when message received with new chat room5: Toast message when message is sent
5: Sender saves message that is sent in its own database – no duplicates
5: No duplicates in the chat peer database (show multiple messages from sender)5: Adding a new chat room
10: List of messages for that peer (two-line layout includes chatroom for each
message); must have ViewPeersActivity working to get to this
 15: ChatService: 10: Handler thread for sending messages is correctly set up 5: Implementation of send, handleMessage, run
10: ChatActivity:
 5: Binding to service (including binding callbacks) 5: Initialize result receiver (onCreate, onPause, onResume)
5: Completed rubric
Total:

Zero marks if any network or database I/O on the main thread