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

60: Functionality (video demonstration)
- ☐ 20: Client sent message is received at server (with client name) and vice versa demo video shows both client and server, which are different devices!
- ☐ 5: Toast message when message is sent
- ☐ 5: Sender saves message that is sent in its own content provider – no duplicates
- ☐ 15: Each app displays a list of messages received so far, updated when message received
- ☐ 5: Subactivity for list of peers still works
- ☐ 5: Subactivity for peer details still works
- ☐ 5: Preferences allows customization of user name

15: ChatService:
- ☐ 10: Handler thread for sending messages is correctly set up
- ☐ 5: Implementation of send, handleMessage, run

20: ChatActivity:
- ☐ 5: Binding to service (including binding callbacks)
- ☐ 5: Initialize result receiver (onCreate, onPause, onResume)
- ☐ 5: onClick invokes service to send message
- ☐ 5: onReceiveResult shows toast message

5: ☐ Completed rubric

Total:

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