

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

65: Functionality (video demonstration)

- 10: Client sent message is received at server (with client name)
- 10: Toast message on client when message sent
- 10: Server displays a list of messages received so far
- 10: List of messages updates when message received
- 5: Option menu provides activity for displaying peers
- 5: Selecting a peer provides info about that peer
- 10: Exiting app and restarting shows messages still available
- 5: Preferences allows customization of user name and port

15: ChatService:

- 10: Handler thread for sending messages
- 5: Implementation of send and handleMessage

20: ChatActivity:

- 5: Binding to service (including binding callbacks)
- 5: Initialize result receiver
- 5: onClick invokes service
- 5: onReceiveResult shows toast message

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