SEQUENCE DIAGRAM – SEND MESSAGE

USER

ANDROID APP

TOMCAT SERVLET

DATABASE

Write Message and Click on Send

alt IF To, Subject, or Message is Missing

notifyUserMissingInformation()

Display Missing Message Info Toast

sendMessageRequest()

validateToken()

alt IF Token Is Not Valid

logInvalidTokenIncident()

requestForceLogout()

forceLogout()

Inform User of Forced Logout

retrieveUserList()

returnUserList()

alt IF Recipient Exists

recordSentMessage()

returnSuccess()

Else

recordMessageFailure()

returnFailure()

returnSuccess()

Display Message Update Success and Number of New Messages

alt IF Message Send Failed

reloadUserMessageSent()

Display Message Send Failure and Reload User Message Sent

Else

clearUserMessageSent()

Display Message Send Succes Toast