User

: System

Loop (If username can't be found)

1: userLookup(name)

1.1: validUsername

1.2: requestResponse

loop

2: sendChat(message)

2.1: notifyResponse

Operation: userLookup
Cross Reference: Use Cases: Private Message
Pre-conditions: User wants to message another user
Post-conditions: Chat request sent to other user

- If invalid username is entered, ask for another username
- Other user must accept request before chatting can begin

Operation: sendChat
Cross Reference: Use Cases: Private Message
Pre-conditions: User has been given access to message other user
Post-conditions: Other user responds to user

- User is notified when a message is received