

2.14 Use Case: Peer-to-peer Chat

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ID: UC14
Actors: <ul style="list-style-type: none">1. User
Preconditions: <ul style="list-style-type: none">1. The user is authenticated.
Flow of Events: <ul style="list-style-type: none">1. The use case starts after the user selects the “Chat” option.2. The system asks the user for a name (name of the person that the user is looking for).3. The user enters the user’s name.4. The system searches for users that match the name.5. If the system finds some matching users then,<ul style="list-style-type: none">5.1. The system shows a list of matched users with a “Message” option beside each of these users’ names.6. If the user selects the “Message” option,<ul style="list-style-type: none">6.1. If there exists previous chat history between them,<ul style="list-style-type: none">6.1.1. The conversation will be displayed with a text dialog and a “Send” option.7. If the user writes something in the text dialog and selects “Send”,<ul style="list-style-type: none">7.1. System will send the text to the other user.
Postconditions: The user will see that the conversation between them is updated with the latest text of the user.
Alternative flow: <ul style="list-style-type: none">5.2 If the system cannot find any matching user,<ul style="list-style-type: none">5.2.1 the system will tell that no matching user could be found.
Postconditions: The user will see an empty list.
Alternative flow: <ul style="list-style-type: none">6.1.2 If there is no previous chat history between the users,<ul style="list-style-type: none">6.1.2.1 the system will only show a text dialog and a “Send” option.
Postconditions: The user will see a conversation with only the recently sent text message.