Actor: User, Server

Use Case Specification for CLack

Use Case ID: 01

Use Case Name: User logs In

Relevant Requirements:

Primary Actor: User

Pre-conditions:

* The user must be in the system.

Post-conditions:

* User is logged in

Basic Flow or Main Scenario:

1. User opens the client
2. User is prompted for login credentials
3. User is logged in

Extensions or Alternate Flows:

* User doesn’t give valid credentials

Exceptions:

* User is not in the system
* Server is down

Related Use Cases:

Use Case ID: 02

Use Case Name: Send a private message to another user

Relevant Requirements: Messages are text-based only

Primary Actor: User A

Pre-conditions:

* User A is logged in

Post-conditions:

* A message is sent to User B

Basic Flow or Main Scenario:

1. User A searches for User B in directory
2. Client opens window for communications to User B
3. User A types in message and sends it

Extensions or Alternate Flows:

* User B is not in the system
* Server is down

Exceptions:

Related Use Cases: 01, 03

Use Case ID:03

Use Case Name: Read a private message from another user

Relevant Requirements: Messages are text-based only

Primary Actor: User A

Pre-conditions:

* User must be logged in

Post-conditions:

* User A reads messages sent by User B

Basic Flow or Main Scenario:

1. User A opens the private chat window for User B
2. User A reads messages from User B

Extensions or Alternate Flows: N/A

Exceptions: N/A

Related Use Cases: 01, 02

Use Case ID: 04

Use Case Name: Send group message

Relevant Requirements: Messages are text-based only

Primary Actor: User

Pre-conditions:

* User must be logged in

Post-conditions:

* Message is sent to a selected group of people

Basic Flow or Main Scenario:

1. User selects a group of selected people
2. User sends message
3. Selected group receives message

Extensions or Alternate Flows:

Exceptions:

Related Use Cases: 01 (User Logs in)

Use Case ID: 05

Use Case Name: Read group message

Relevant Requirements: Messages are text-based only

Primary Actor: User

Pre-conditions:

* User must be logged in
* User must be part of the group chat

Post-conditions:

* User reads messages of a selected group message

Basic Flow or Main Scenario:

Extensions or Alternate Flows:

Exceptions:

Related Use Cases:

Use Case ID: 06

Use Case Name: IT User viewing chat logs

Relevant Requirements:

Primary Actor: IT User

Pre-conditions: IT User must be logged in

Post-conditions: IT User has access to all the chat messages

Basic Flow or Main Scenario:

1. IT selects which chat to view
2. System displays the chat log

Extensions or Alternate Flows:

Exceptions:

Related Use Cases:

Use Case ID: 07

Use Case Name: User logs out

Relevant Requirements:

Primary Actor: User

Pre-conditions:

* User is logged in

Post-conditions:

* User is logged out

Basic Flow or Main Scenario:

1. User closes the client
2. User is prompted to confirm logout
3. User is logged out

Extensions or Alternate Flows:

Exceptions:

* Server is down
* Computer shuts off (auto logoff?????????????????)

Related Use Cases: 01