

# Use Case Specification

## **Use Case ID:**

**001**

## **Use Case Name:**

Login

## **Relevant Requirements:**

User Module

## **Primary Actor:**

Employee, System Admin

## **Pre-conditions:**

Users (Employee and System Admin) exists

## **Post-conditions:**

User is logged in

## **Basic Flow or Main Scenario:**

1. Verify username and password
2. Check which user (regular employee or system admin)

## **Extensions or Alternate Flows:**

1. Verify user login
2. If verification fails (due to wrong password), display message "password is incorrect"

## **Exceptions:**

If user doesn't exist, return error message

## **Related Use Cases:**

None

## **Use Case ID:**

**002**

## **Use Case Name:**

Create And Delete Users

## **Relevant Requirements:**

User Module

## **Primary Actor:**

System Admin

## **Pre-conditions:**

Users (Employee and System Admin) exists

## **Post-conditions:**

Smaller number of Employee and System Admin

## **Basic Flow or Main Scenario:**

1. Log in as system admin
2. Create a new user or delete an existing user
3. A new user is added to the user list in the server

## **Extensions or Alternate Flows:**

1. If new user has a taken username, have system admin pick another username

Exceptions:

If a user doesn't exist and is tried for deletion, return error message

Related Use Cases:

Case 001 (login)

**Use Case ID:**

**003**

Use Case Name:

Joining Chat Rooms

Relevant Requirements:

Chatlog Module

Primary Actor:

Employee, System Admin

Pre-conditions:

Users (Employee and System Admin) exists

Post-conditions:

Chat Room is entered by a user

Basic Flow or Main Scenario:

1. Login user
2. Pick a chatroom to enter

Extensions or Alternate Flows:

3. Send message
4. View messages
5. Leave chatroom

Exceptions:

None

Related Use Cases:

Case 001 (login)

**Use Case ID:**

**004**

Use Case Name:

Create Chat Rooms

Relevant Requirements:

Chatlog Module

Primary Actor:

Employee, System Admin

Pre-conditions:

Users (Employee and System Admin) exists

Post-conditions:

A new chat log is added to the chat log list in the server

Basic Flow or Main Scenario:

1. Login user
2. Create a new chat room

3. Add other users to the chat room (one or more users)

Extensions or Alternate Flows:

None

Exceptions:

None

Related Use Cases:

Case 001 (login)