

# Testing Report

## Introduction

Welcome to the chat room and nickname. You can enter a nickname, any string that you wished to be identified with

```
*****
Welcome! To the awesome chat room
Let's get Started
*****

Please enter the nickname you wish to be identified with:
█
```

Can't have the same nickname as someone else

```
Error: Sorry the nickname already exists!
█
```

You will get a list of commands as soon as you enter your nickname

```
This is the list of commands you can utilize:

[*]ROOMS:      To get a list of all existing chat rooms
[*]ROOM-INFO:  Use this command followed by the name of the room to get the number and list of all connected users for the room
[*]JOIN-ROOM:  Use this command followed by the name of the room you wish to join to join the room
[*]CREATE-ROOM: Use this command followed by the name of the room you wish to create
[*]LEAVE-ROOM: Use this command followed by the name of the room you wish to leave
[*]SEND:       Use this command followed by the name of the chatroom you wish to send your message in and your message

Enter Command:

*****

Hello kumna! Welcome to the awesome chat room, we hope you brought pizza

*****
█
```

## Create Room

Can create a new room by using CREATE-ROOM followed by the name of the name of the room, for ex: CREATE-ROOM new

```
*****

Hello kumna! Welcome to the awesome chat room, we hope you brought pizza

*****
CREATE-ROOM new
█
```

You cannot create a new room with the same name as an existing Chat room

```
CREATE-ROOM new
Enter Command:
Please pick a different room name, another room with the same name already exists
█
```

## List of existing chat rooms

You can get a list of existing chat rooms by using the command ROOMS

```
All the active chat rooms are as follows:  
1 new  
2 newnew
```

## Join existing chat rooms

You can join a room by using the command JOIN-ROOM followed by the room name, for ex:  
JOIN-ROOM new

```
All the active chat rooms are as follows:  
1 new  
2 newnew
```

You cannot join a room which does not exist

```
Please pick a different room name, another room with the same name already exists  
JOIN-ROOM fakeRoom
```

## Number and List of connected users for each room

You can get info about the active users and the number of users in any chat room by using the command ROOM-INFO [room-name], ex: ROOM-INFO new

```
ROOM-INFO new  
Enter Command:  
The chat room new has 5 users.  
They are as follows:  
1 kumna1  
2 kk  
3 ku  
4 kun  
5 k
```

## Leave a chat room

You can leave a room by using the command LEAVE-ROOM [room-name]

```
LEAVE-ROOM new
Enter Command:
Leaving room successful
```

## Check room capacity and restrict access to full capacity rooms

You cannot join a room if it has reached its maximum capacity

```
JOIN-ROOM new
Enter Command:
Failed joining the room. The room has reached its maximum capacity
```