Test Case Specification

ChatSiGira v 1.0

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Introduction

This document provides the test cases to be carried out for the Chat Application. Each item to be tested is represented by an individual test case. Each case details the input and expected outputs.

Test Cases: Chat Application

Test ID	100
Titles	Correct Login
Features	Login to https://jitpack.io/JacopoWolf/PotatoChatProtocol with Chat App
Objective	Confirm that proper user's information yields access to the server as expected..
Test Data	Login information: User Name = Pippo; Room = school
Expected Results	The system displays the user interface with the option to log out, to create a new room or to scroll through the list of all users connected to the server and chat with anyone. The list of users and rooms must match the one found on https://jitpack.io/JacopoWolf/PotatoChatProtocol.

Test ID	101
Titles	Incorrect Username
Objective	Confirm that valid user id with an invalid username denies access to the server.
Test Data	Correct User ID, incorrect username
Expected Results	System dislpays error message with an option to retry
Test Actions	Enter invalid login information
Features	Login to https://jitpack.io/JacopoWolf/PotatoChatProtocol with Chat App

Test ID	102
Titles	Invalid room name
Features	Login to https://jitpack.io/JacopoWolf/PotatoChatProtocol with Chat App
Objective	Confirm that invalid room name denies access to the server without leaving the user stranded.
Test Data	Incorrect Username, Incorrect room name: Username = Peppo; Room = school
Test Actions	Start Chat application; Enter invalid login information
Expected Results	System displays error message with option to try.

Test ID	000
Titles	Malformed package
Features	Login to https://jitpack.io/JacopoWolf/PotatoChatProtocol with Chat App
Objective	Warn that malformed package can't be read by clients. server without leaving the user stranded.
Test Data	Login information: User Name = Pippo; Room = school
Expected results	System displays error message.
Test Actions	1. Enter an amount of data greater than 256 bytes

Test ID	11
Titles	Disconnection
Features	Allow users to disconnect from the server
Objective	Confirm that the disconnection had happen properly. server without leaving the user stranded.
Test Data	Login information: User Name = Pippo; Room = school
Expected Results	System disconnect user properly.
Test Actions	Select disconnection option.