TEST MANUAL

WEM411

JUNE 14, 2019
CHRIS GRUNDLING
5485

Table of Contents

Introduction:

This test manual describes a collection of tests for the application that has a Login screen, register screen, booking screen and orders screen. The parts of the system that will be tested will be the all inputs areas. The description is broken down into the specifications for each test, descriptions of the test, and analysis of the test results.

Each test will include the following:

- Test Specifications.
- Test Description.
- Test Analysis Report.

This report includes 6 tests:

1. Login Window.
2. Register Window.
3. Boking Window.
4. Order Window.
5. Exiting the application.

Objectives:

The purpose of this document is to test the program and make sure, by using techniques listed below in the testing strategy, the program wont crash or break. If it does, the error will be logged, and a solution will be described.

Document References:

Screenshots of the test will be taken of the command prompt to show what happened when the application was tested.

Test Summary:

The only areas of the program that will be tested, will be the input of the sections. All other sections can't be corrupted or edited by the user.

Testing strategy:

Tests will be done for each of the 5 sections. Each section asks the user for input and when the user is prompted for input a letter will be entered and the second time a non-corresponding character will be added.

Login Window:

The test will be done on wherever input is prompted in order to Login.
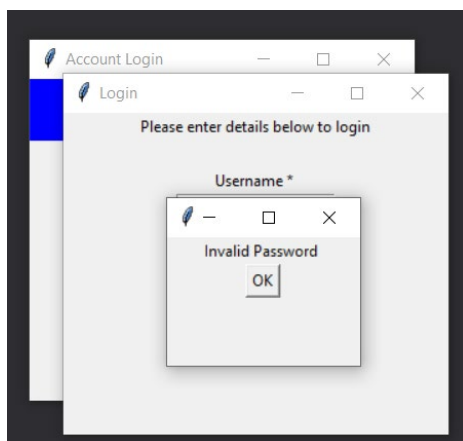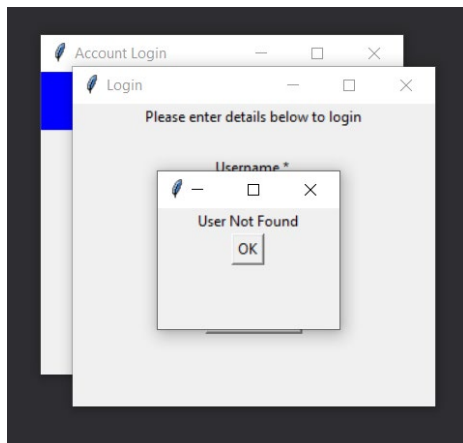
Test Specifications:

To complete the verification, two inputs are asked. A series of incorrect pre-determined values, letters and characters will be entered, the results recorded and analysed to make sure the program doesn't fail.

Test Description:

A random username of "dev" will be entered, and a random password of "help" will be entered, when the "dev" is entered then a error of not recognised user should open and when "help" is entered a not recognised password should open. The results will be screenshotted and displayed below.

There will be 2 inputs:

- **Input 1**: I will enter "dev" to see what will happens in the username.
- **Input 2**: I will enter "help" to see what will happen in the password.

Test Analysis Report:

As seen above, A random username of "dev" was entered and a random password of "help" will be entered, when the "dev" is entered then a error of not recognised user opened and when "help" is entered a not recognised password opened. Therefore, as stated in the original test description, the applications exception handling is sufficient and working for the login section.

Register Window:

The test will be done on wherever input is prompted in order to Register.
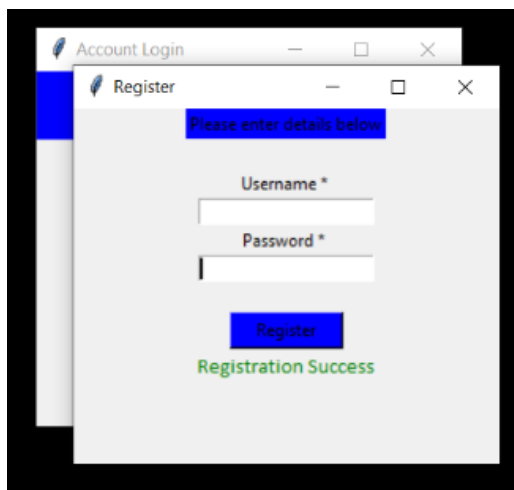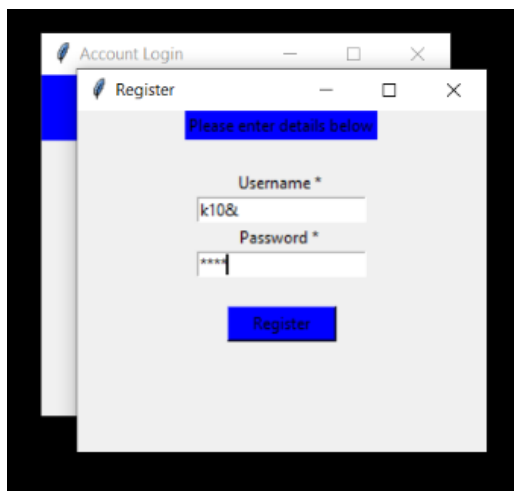
Test Specifications:

To complete the registration, two inputs are asked. A symbol, number and letter will be entered for username and password to make sure the program does not crash.

Test Description:

The number will be 10. The letter will be k. The character will be &. The program should accept the numbers symbols and letters as passwords and usernames The results will be screenshotted and displayed below.

There will be 2 inputs:

- **Input 1**: I will enter a symbol, letter and number to username to see what will happen.
- **Input 2**: I will enter a symbol, letter and number to password to see what will happen.

Test Analysis Report:

As seen above, when a character, letter or number is entered, it was accepted by the program. Therefore, as stated in the original test description, the applications exception handling is sufficient and working for the registration section.

Bookings Window:

The test will be done on wherever input is prompted in order to make a booking.
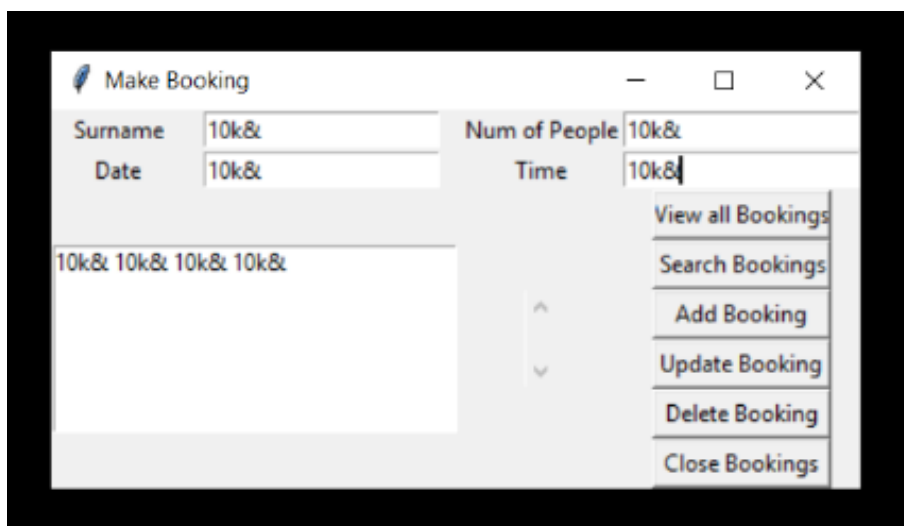
Test Specifications:

To complete the calculation, four inputs are asked. A series of incorrect pre-determined values, letters and characters will be entered, the results recorded and analysed to make sure the program doesn't fail.

Test Description:

The number will be 10. The letter will be k. The character will be &. The program should accept the inputs and not fail. The input will be entered manually will a keyboard and then add booking will be selected afterwards. The results will be screenshotted and displayed below.

There will be 4 inputs:

- **Input 1**: I will enter a number character and letter and see what happens.
- **Input 2**: I will enter a number character and letter and see what happens.
- **Input 3**: I will enter a number character and letter and see what happens.
- **Input 4**: I will enter a number character and letter and see what happens.

Test Analysis Report:

As seen above, character or number or letter is added the program accepts the input and does not fail. Therefore, as stated in the original test description, the applications exception handling is sufficient and working for the bookings section.

Order Window:

The test will be done on wherever input is prompted in order to do all the calculation.

Test Specifications:

To complete the calculation, fifteen inputs are asked. A series of incorrect pre-determined letters and characters will be entered, the results recorded and analysed to make sure the program doesn't fail.

Test Description:

The letter will be k. The character will be &. If a character or letter is added the prompt should be asked again. The input will be entered manually will a keyboard and then Total will be selected afterwards. The results will be screenshotted and displayed below.

There will be 15 inputs:

- **Input 1**: A letter k and a character& will be entered to see what happens.
- **Input 2**: A letter k and a character& will be entered to see what happens.
- **Input 3**: A letter k and a character& will be entered to see what happens.
- **Input 4**: A letter k and a character& will be entered to see what happens.
- **Input 5**: A letter k and a character& will be entered to see what happens.
- **Input 6**: A letter k and a character& will be entered to see what happens.
- **Input 7**: A letter k and a character& will be entered to see what happens.
- **Input 8**: A letter k and a character& will be entered to see what happens.
- **Input 9**: A letter k and a character& will be entered to see what happens.
- **Input 10**: A letter k and a character& will be entered to see what happens.
- **Input 11**: A letter k and a character& will be entered to see what happens.
- **Input 12**: A letter k and a character& will be entered to see what happens.
- **Input 13**: A letter k and a character& will be entered to see what happens.
- **Input 14**: A letter k and a character& will be entered to see what happens.
- **Input 15**: A letter k and a character& will be entered to see what happens.

Test Analysis Report:

As seen above, When a letter and symbol was entered, the program prompted the user to only enter numbers and thereafter the input boxes where reset. Therefore, as stated in the original test description, the applications exception handling is sufficient and working for the Orders section.

Test exit program:

The test will be done on where ever input is prompted in order to close or not close the window.
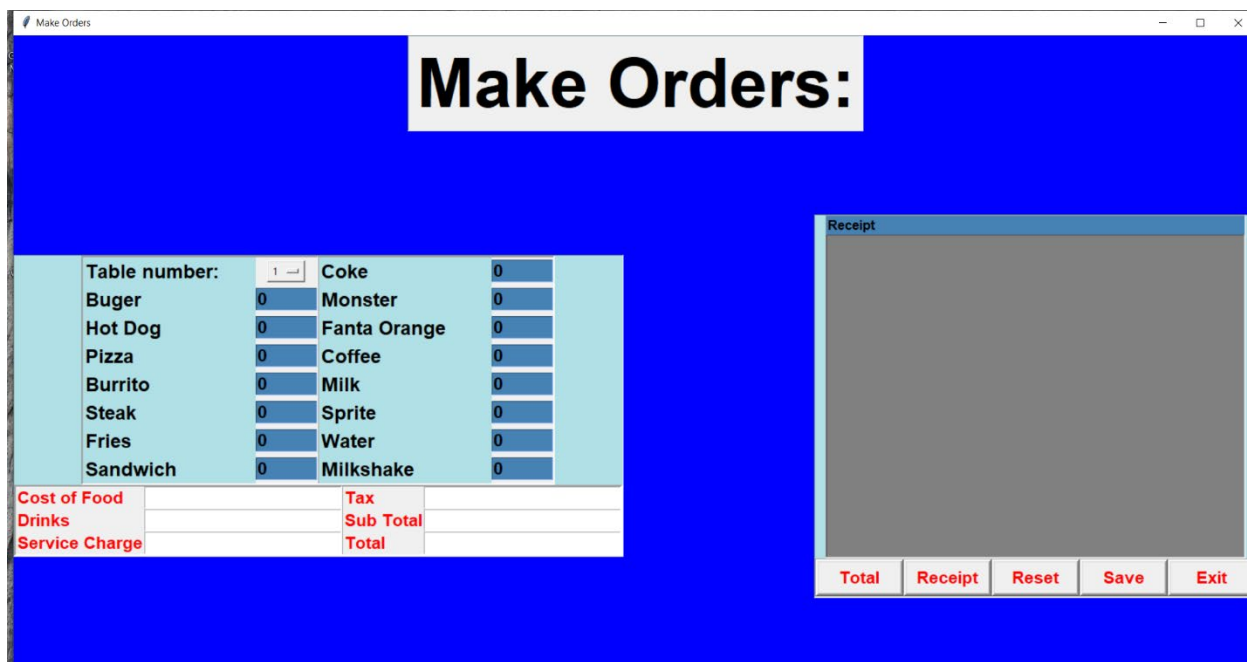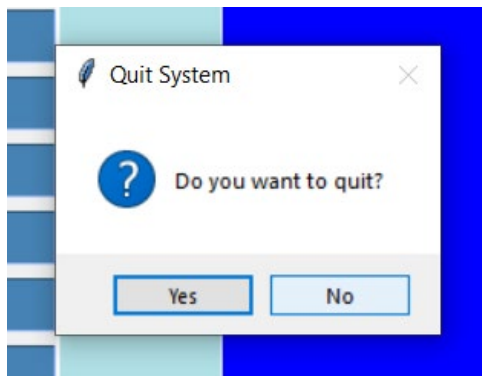
Test Specifications:

To complete the operation, two buttons will be displayed in a window asking if the user wants to exit, when the user selects no, the program should go back to the window and if yes is selected, the program should go to the login screen. The results recorded and analysed to make sure the program doesn't fail.
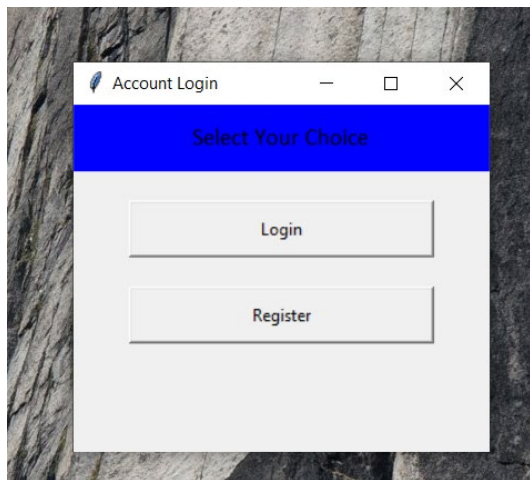
Test Description:

Using the mouse, I will first select no and then after select yes. The results will be screenshotted and displayed below.

There will be 2 input:

- **Input 1**: Using the mouse I will first select no and then after select no.
- **Input 2**: Using the mouse I will first select no and then after select yes.

Test Analysis Report:

As seen above, two buttons where displayed in a window asking if the user wants to exit, when the user selected no, the program went back to the window and yes yes was selected, the program went to the login screen. Therefore, as stated in the original test description, the applications exception handling is sufficient and working for the exit section.