Online Travel Agency System

Test Cases

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 28/4/2014 | 1.0 | This Document tests the main functions in the system. | Abduleadoud Tahhan Malak Bataineh Batool Hatamelah |
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# Log-in Test Cases

## Variables for each Log-in use case step

* B2: Customer enter Username & password.
  + Username.
  + Password.

## Significant options for each variable.

* B2: The customer enters the Username & password.
  + Username.
    - Valid username.
    - Invalid username with not allowed characters(/) (,).
    - Invalid username with more than 20 character.
    - Invalid username with less than 6 characters
    - Invalid username with nonexistent error.
    - Blank.
  + Password.
    - Invalid password with no characters.
    - Invalid password with no numbers.
    - Blank.
    - Nonexistent password.
    - Invalid password with less than 6 characters.

## Allocation Matrix.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step | Variable | T1 | T2 | T3 | T4 | T5 | T6 |
| B2 | Username | Valid username | Not allowed characters | Too long username | Nonexistent | Blank | Less than 6 characters |
| B2 | Password | No character | Blank | Nonexistent password | Too short less than 6 characters | No numbers | ــــــــــــــــــــ |

## Test Cases.

### **Test Case1**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Step | Variable | T1 | Expected Result | Actual Result | Pass/Fail | Comments |
| B2 | Username | Tamara | Accepted |  |  |  |
| B2 | Password | A1b2c3 | Accepted |  |  |  |

### **Test Case2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Step | Variable | T1 | Expected Result | Actual Result | Pass/Fail | Comments |
| B2 | Username | Tom | Error Message  (less than 5 characters) |  |  |  |
| B2 | Password | 123456 | Error Message (must combine characters and numbers) |  |  |  |

# Sign-Up Test Cases

## Variables for each Log-in use case step

* B3: The customer enter the following information:
  + First Name.
  + Last Name.
  + Credit Card Number.
  + Credit Card Company.
  + Credit Card ID.
  + Email
  + Phone

## Significant options for each variable.

* B3: The customer enter the following information:
  + First name
    - Valid first name
    - Invalid first name with more than 20 characters.
    - Blank.
  + Last name
    - Valid last name
    - Invalid first name with more than 20 characters.
    - Blank.
  + Credit Card Number
    - Valid Credit card number.
    - Invalid number with less than 5 numbers
    - Invalid number with more than 5 numbers.
    - Invalid number with characters combined.
    - Blank.
  + Credit Card Company
    - Valid Credit Card Company
  + Credit Card ID.
    - Valid Credit Card ID.
    - Invalid with not allowed characters(/) (,).
    - Invalid with more than 20 character.
    - Invalid with less than 20 characters
    - Invalid with nonexistent error.
    - Blank.
  + Username.
    - Valid username.
    - Invalid username with not allowed characters(/) (,).
    - Invalid username with more than 20 character.
    - Invalid username with less than 6 characters
    - Invalid username with nonexistent error.
    - Blank.
  + Password.
    - Valid
    - Invalid password with no characters.
    - Invalid password with no numbers.
    - Blank.
    - Nonexistent password.
    - Invalid password with less than 6 characters.
  + E-Mail.
    - Valid Email.
    - Invalid with violated "username@example.com"
    - Invalid with no defined e-mail company.
  + Phone.
    - Valid Phone.
    - Invalid with characters combined.
    - Invalid with more than 14 number.

## Allocation Matrix.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Step | Variable | T1 | T2 | T3 | T4 | T5 | T6 |
| B3 | First name | Valid | Invalid more than 20 chars | Blank | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ |
| B3 | Last name | Valid | Invalid more than 20 chars | Blank | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ |
| B3 | Credit card number | Valid | Invalid less than 5 numbers | Invalid more than 5 chars | Invalid characters and numbers combined | Blank | ــــــــــــــــــــــ |
| B3 | Credit card company | Valid | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ |
| B3 | Credit card ID | Valid | Invalid not allowed chars | Invalid more than 20 chars | Invalid less than 20 chars | nonexistent | Blank |
| B3 | Username | Valid | Invalid not allowed chars | Invalid more than 20 chars | Invalid less than 20 chars | nonexistent | Blank |
| B3 | Password | Valid | Invalid no characters | Invalid no numbers | Blank | nonexistent | Less than 6 chars |
| B3 | E-Mail | Valid | Invalid violation of email pattern | Invalid no defined e-mail company. | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ |
| B3 | Phone | Valid | Invalid with chars | Invalid with more than 14 number. | ــــــــــــــــــــــ | ــــــــــــــــــــــ | ــــــــــــــــــــــ |

## Test Cases.

### **Test Case1**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Step | Variable | T1 | Expected Result | Actual Result | Pass/Fail | Comments |
| B3 | First Name | Sam | Accepted |  |  |  |
| B3 | Last Name | Colm1 | Accepted |  |  |  |
| B3 | Credit card number | 23231 | Accepted |  |  |  |
| B3 | Credit card company | Visa | Accepted |  |  |  |
| B3 | Credit card ID | 2564781391 | Accepted |  |  |  |
| B3 | Username | freeFlight | Accepted |  |  |  |
| B3 | Password | A1b2c3 | Accepted |  |  |  |
| B3 | E-Mail | ttyuh@gmail.com | Accepted |  |  |  |
| B3 | Phone | 00966535007966 | Accepted |  |  |  |