INFO – 6068 Capstone Project

Ewheelz Test Report

Team Name: The Oracle

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**User login and Logout**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| Mouse click “User Login” | The page is redirected to the user page | The page is redirected to the user page | 2022-07-24 | TC-Login-01 | -Launch Ewheelz -Open http://localhost:8080/ewheelz/ -Click on "User Login" | 1 | Youtianjian Li | Users cannot use the main functions without logging in | High |
| Mouse click “Home” button on the left menu | The page is redirected to the home page | The page is redirected to the home page | 2022-07-24 | TC-Logout-01 | -Open http://localhost:8080/ewheelz/  -Click on "User Login" -Click on "Home" button on the left menu | 1 | Youtianjian Li |  | Low |

**View routes**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| Mouse click “View Routes” button on the left menu | User is able to view all available routes | User is able to view all available routes | 2022-07-24 | TC-VR-01 |  | 1 | Youtianjian Li | Users cannot use the main functions without logging in | High |
| Mouse click "View" on the "PickUp Points" | User is able to view all available pickup points of arbitrary route | User is able to view all available pickup points of arbitrary route | 2022-07-24 | TC-VR-02 |  | 1 | Youtianjian Li |  | Low |

**User tickets**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| Select city "From"-Hyderabad | All "From" city displayed | All "From" city displayed | 2022-07-24 | TC-VR-01 |  | 1 | Youtianjian Li |  | Medium |
| Select city "To"-Bangalore | All "To" city displayed | All "To" city displayed | 2022-07-24 |  |  | 1 | Youtianjian Li |  | Medium |
| Select trip date "YYYY-MM-DD"-2008-11-27 | Trip date is shown as "YYYY-MM-DD" | Can not interact with Journey Date | 2022-07-24 |  |  | 1 | Youtianjian Li | Selecting the right date is a prerequisite for checking available tickets | Medium |
| Select Bus Type-AC | Bus type selected | Bus type selected | 2022-07-24 |  |  | 1 | Youtianjian Li |  | Medium |
| Enter the number of passenger-2 | Number of passenger displayed | Number of passenger displayed | 2022-07-24 |  |  | 1 | Youtianjian Li |  | Medium |
| Click on "Ckeck availability" Button | Search results displayed | Can not interact with Check Availability button | 2022-07-24 |  |  | 1 | Youtianjian Li |  | High |
| Enter 0 in the number of passenger | A red warning message informs the user that the number of passengers is at least 1 | No warning message | 2022-07-24 | TC-VR-02 |  | 1 | Youtianjian Li |  | Medium |
| Enter -1 in the number of passenger | A red warning message informs the user that the number of passengers is at least 1 | No warning message | 2022-07-24 |  |  | 1 | Youtianjian Li |  | Medium |
| Enter invalid character like"$" in the number of passenger | A red warning message tells the user to fill in the correct number of passengers | No warning message | 2022-07-24 |  |  | 1 | Youtianjian Li |  | Medium |
| Click on "Ckeck availability" Button | Display a message to inform user the information is illegal and need to be refilled | Can not interact with Check Availability button | 2022-07-24 |  |  | 1 | Youtianjian Li |  | High |
| Mouse click “Cancel Tickets" on the left menu | Ticket ID is required to cancel the ticket | Ticket ID is required to cancel the ticket | 2022-07-24 | TC-VR-03 |  | 1 | Youtianjian Li |  | Medium |

**Testimonials**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| email ID: "test@test.com" Feedback: "Test6068" | The user needs to provide the email ID and feedback content to submit a feedback | The user needs to provide the email ID and feedback content to submit a feedback | 2022-07-24 | TC04 |  | 1 | Youtianjian Li |  | Medium |
| email ID: "test@test.com" Feedback: "" | Users cannot send blank messages | Users cannot send blank messages | 2022-07-24 | TC05 |  | 1 | Youtianjian Li |  | Medium |
| email ID: "test@test.com" Feedback: "abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz abcdefghijklmnopqrstuvwxyz" | Users can fill in special characters, numbers, character limit of 200 characters | No limited characters | 2022-07-24 | TC06 |  | 1 | Youtianjian Li |  | Low |
|  | The page color is light blue, and the font size of the feedback section is 10 | font size is 12 px | 2022-07-24 | TC07 |  | 1 | Youtianjian Li |  | Low |
| Mouse click "ViewTestimonials" button on left menu | Users cannot ask questions of other users | Users cannot ask questions of other users | 2022-07-24 | TC08 |  | 1 | Youtianjian Li |  | Medium |
|  | The user feedback page should be able to display 15 messages and show the submission time | The user feedback page should be able to display 15 messages and show the submission time | 2022-07-24 | TC09 |  | 1 | Youtianjian Li |  | Low |
|  | The user should see the page background color is white, and the feedback section has a font size of 10 | font size is 12 px | 2022-07-24 | TC10 |  | 1 | Youtianjian Li |  | Low |

**Admin user management**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| Mouse click “Admin Login” | An admin login form | An admin login form | 2022-07-24 | TCAM1 |  | 1 | Yuan Li | Admin can not use functions without login | High |
| Mouse click “Admin Login” | Admin logins into the admin panel | Admin logins into the admin panel | 2022-07-24 |  |  | 1 | Yuan Li | Admin can not use functions without login | High |
| Mouse click “Admin Login” | A show password option to view the password | No show password option to view the password | 2022-07-24 |  |  | 1 | Yuan Li |  | Low |
| Mouse click “Admin Login”-click"submit" | There must be a button to submit the login information | There is a button to submit the login information | 2022-07-24 |  |  | 1 | Yuan Li | Admin can not login without submit password | High |
| Mouse click “Admin Login”-input password"$$$$"click"submit" | An error message | No error message | 2022-07-24 | TCAM2 |  | 1 | Yuan Li |  | Medium |
| Mouse click “Admin Login” | There must be a forget password  option | No forget password  option | 2022-07-24 |  |  | 1 | Yuan Li | Admin can not reset password | High |
| Mouse click “Admin Login” | Contents must be easily readable | Contents can be easily readable | 2022-07-24 |  |  | 1 | Yuan Li |  | Medium |
| Mouse click “Admin Login”-click"LogOut" | Admin gets logged out and control flow is directed to the homepage | Admin gets logged out and control flow is directed to the homepage | 2022-07-24 | TCAM3 |  | 1 | Yuan Li | Admin can not logout | High |
| Mouse click “Admin Login”-click"submit" | Admin panel must automatically logout in case of inactivity | Admin panel can not automatically logout in case of inactivity | 2022-07-24 |  |  | 1 | Yuan Li |  | Low |
| Mouse click “Admin Login” | Admin can add users from the admin panel. Admin must be provided with user registration form | Admin can not add users from the admin panel. Admin must be provided with user registration form | 2022-07-24 | TCAM4 |  | 1 | Yuan Li |  | Medium |
| Mouse click “Admin Login” | All the users get added | All the users can not get added | 2022-07-24 |  |  | 1 | Yuan Li |  | Medium |
| Mouse click “Admin Login” | All the provided user information must be accepted and database must get updated | All the provided user information can not be accepted and database must get updated | 2022-07-24 |  |  | 1 | Yuan Li |  | Medium |
| Mouse click “Admin Login” | Users get added in bulk | Users not get added in bulk | 2022-07-24 |  |  | 1 | Yuan Li |  | Low |

**Admin routes management**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| Mouse click “Add Routes” | Admin can add route | Admin can not add route | 2022-07-24 | TCAR1 |  | 1 | Yuan Li | Admin can not manage routes | Medium |
| Mouse click “View Routes” | Admin can view route | Admin can view route | 2022-07-24 | TCVR1 |  | 1 | Yuan Li |  | Medium |
| Mouse click “View Routes”-click"Add" | Admin can add pickup points | Admin can add pickup points | 2022-07-24 |  |  | 1 | Yuan Li |  | Medium |
| Mouse click “Delete Routes” | Admin can delete route | Admin can not delete route | 2022-07-24 | TCDR1 |  | 1 | Yuan Li | Admin can not manage routes | Medium |

**Admin travel management**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Inputs | Expected Results | Actual Results | Date and time | Test case/script id | Steps to reproduce | Number of repeats | Tester | Impact | Severity |
| Mouse click “Add Travel” | Admin can add travel | Admin can add travel | 2022-07-24 | TCAT1 |  | 1 | Yuan Li | Admin need to manage travel | Medium |
| Mouse click “Add Travel”-click"Clear" | Admin can clear info | Admin can clear info | 2022-07-24 |  |  | 1 | Yuan Li | Admin can not clear info at once if they input wrong | Medium |
| Mouse click “View Travel” | Admin can view travel | Admin can view travel | 2022-07-24 | TCVT1 |  | 1 | Yuan Li | Admin need to manage travel | Medium |
| Mouse click “View Travel”-click"View" | Admin can view bus | Admin can view bus | 2022-07-24 |  |  | 1 | Yuan Li | Admin need to manage travel | Medium |
| Mouse click “View Travel”-click"Add" | Admin can add details | Admin can not add details | 2022-07-24 |  |  | 1 | Yuan Li | Admin can not manage travel | Medium |
| Mouse click “Delete Travel” | Admin can delete travel | Admin can not delete travel | 2022-07-24 | TCDT1 |  | 1 | Yuan Li | Admin can not manage travel | Medium |
| Mouse click “Delete Travel”-click"ShowDetails" | Admin can view detials travel | Admin can not view detials travel | 2022-07-24 |  |  | 1 | Yuan Li | Admin can not manage travel | Medium |

**Summary of the test cycle**

During the testing of this application, first we need to understand the application well. A group meeting was held to discuss the functionality of the application. Because this application is testing a software for planning a travel route for a client. So we had to fully analyze the basic user requirements and possible actions that could happen. During the testing process we also found some problems with the application. Many features were not available. A part of the expected functionality was also missing. So we summarized the defects of the application.