**User Acceptance Tests (UAT) – Sprint 2**

**Team Name:** Perfectly Unbalanced

**Team members:**

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This is the testing phase of the development process which is undertaken to ensure that the program can handle multiple different scenarios, and still provide the intended service to customers and employees of the company. The tests below are derived from the client’s criteria of acceptance for various cases.

After completion of the tests, an evaluation of the test results will determine whether we:

1. Leave the bug and go ahead with the release
2. Push back the release date and fix the bug
3. Add a change request to be changed as soon as possible for the final release

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|  | | 2: User Authentication Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 2.1 | Login and register buttons | | Login and register buttons when pressed, redirect to the corresponding pages | Pass |
| 2.2 | Cookie system | | If a user is logged in and the browser is closed, the user should still be logged in when the site is revisited | Pass |
| 2.3 | Customer profile | | Displays the customers details, as well as the customers rental history | Pass |
| 2.4 | Reporting Page | | The button does not display on the screen unless an employee or client logs in | Pass |
| 2.5 | Renting Button | | Renting button should only be accessed with authentication | Pass |

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|  | | 3: Display Without Login | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 3.1 | Home page | | Home page displays whilst logged out (and logged in) | Pass |
| 3.2 | Searching Functionality | | Search functionality displays whilst logged out (and logged in) | Pass |
| 3.3 | Car Information Page | | Car information pages displays whilst logged out (and logged in) | Pass |
| 3.4 | Login Page | | Login page displays while the user is not logged in. | Pass |
| 3.5 | Register Page | | Registration page can be accessed while not logged in, and is inaccessible once logged in | Pass |

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|  | | 4: Vehicle Availability Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 4.1 | Date selection | | Once desired dates have been set by the customer, the results should filter the out the vehicles that are unavailable | Pass |
| 4.2 | Location | | Displays which locations the vehicle is available at | Pass |

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|  | | 5: Specific Search Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 5.1 | General search by brand | | All vehicles that match the chosen brand should appear in the results. | Pass |
| 5.2 | Search by model | | Vehicles of that model should be returned in the search results | Pass |
| 5.3 | Series search | | This returns all the cars that match the series | Pass |
| 5.4 | Search by year | | Shows only cars from the chosen year | Pass |
| 5.5 | Number of seats | | Displays cars with the required number of seats | Pass |
| 5.5 | No results | | If an invalid search is entered, the user is notified that no results are found | Pass |

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|  | | 6: Search Filter/Sort Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 6.1 | Price filter | | When price parameters are entered, only vehicles within that range will appear | Pass |
| 6.2 | Brands filter | | Only the brands that are selected are displayed | Pass |
| 6.3 | Body type | | Results can be filtered to display either sedans, hatchbacks and wagons | Pass |
| 6.4 | No results | | If there are no matches, then no results will be displayed | Pass |

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|  | | 11: Display Data Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 11.1 | Weekly Report Display | | Displays the number of rentals on the graph along each day of the week. | Pass |
| 11.2 | Monthly Report Display | | Shows the number of rentals across each week of the month. | Pass |
| 11.3 | Current Rentals | | Displays a list of the cars that are currently rented out. | Pass |
| 11.4 | Clicking on Vehicle ID | | Displays the car details and customers who has rented them | Pass |
| 11.5 | Clicking on Customer name | | Shows the customers details and the rental history of that customer | Pass |

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|  | | 13: Search Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 13.1 | Vehicle Layout | | Images and information are displayed for each vehicle, separated | Pass |
| 13.2 | Vehicle Images | | Vehicle images to be displayed with search result | Pass |
| 13.3 | Vehicle Information | | Vehicle information | Pass |
| 13.4 | Working on live server | | Information is gathered correctly from the database and displayed on the server | Pass |
| 13.5 | View car button | | When clicked, redirects the user to the car information page | Pass |

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|  | | 25: Login/Register Results | | |
| ID | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 25.1 | Login Fail | | Incorrect details should return prompt saying to insert correct details | Pass |
| 25.2 | Login Successful | | Correct details should refresh page with new log in | Pass |
| 25.3 | Incorrect input registration | | A prompt to input correct details for what was incorrect should display and stay on the registration page | Pass |
| 25.4 | Correct/successful registration | | On success should redirect to the login page and database should be updated with new user | Pass |

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|  | | 26: Rent Page Results | | |
|  | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 26.1 | Logged in attempt | | Once the date, time and location are selected, the reserve button on the car information page redirects the user to the rent page | Pass |
| 26.2 | Logged out attempt | | Asks user to login before attempting to rent, does not redirect to rent page | Pass |
| 26.3 | Rent functionality | | Updates the database for the rented vehicle | Pass |

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|  | | 27: Admin Portal | | |
|  | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 27.1 | Search for customer | | A customer’s name is searched and is filtered from the list. Once clicked, it displays the customers information and rental history | Pass |
| 27.2 | Search for vehicle | | A specific car can be searched for, when it is clicked it displays information about the car and shows a list of people who have rented the car | Pass |

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|  | | 28: Report Car History | | |
|  | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 28.1 | Can is selected as an admin | | When an admin chooses to see a specific car, it shows the information of the car. | Pass |
| 28.2 | Car rental history | | A table is shown below of all the customers who have rented the car along with the days rented | Pass |

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|  | | 29: Reserving a Car | | |
|  | **Test Cases** | | **Expected Outcome** | **Pass/Fail** |
| 29.1 | Verifying user is logged in | | The customer is not able to reserve a car if they are not logged in | Pass |
| 29.2 | Verify the fields | | The car will not be reserved if the fields (date, time, location) are not filled in and are invalid | Pass |
| 29.3 | Verify availability | | The car must be available for the customer to rent the car | Pass |
| 29.4 | Verify updated database | | Once the vehicle is reserved, it is not available to be rented until it has reached its return date. | Pass |