Explanation:

Priority: Priority means the order of the features that are needed to be implemented.

Prerequisites: Features that have to be implemented before this one, 0 means nothing.

Size: Time needed to achieve this work, scale in hours. 0 -> under 1 hour.

Epic Story 1: As a customer, I can access the home page that can direct me to search, login and user profile page.

|  |  |
| --- | --- |
| ID | US1 |
| Name | Home Page |
| Description | As a customer, I should see two buttons that can direct the browser to customer login and search page respectively.  If the customer is logged in, the login button would be replaced by user profile. |
| Acceptance Criteria | A visitor could click on the button and then be directed to corresponding page. |
| Priority | 1 |
| Prerequisites | 0 |
| Size | 0 |

Epic Story 2: As a customer, I want to be able to login and logout my account.

|  |  |
| --- | --- |
| ID | US2 |
| Name | Customer Login |
| Description | As a customer, I should be able to enter my username and password to login my personal account and then be directed to home page. |
| Acceptance Criteria | Test-If username and password are correct, a customer can login successfully and be directed to the home page  Test-If username or password are not valid, an error message would be displayed on that page. |
| Priority | 2 |
| Prerequisites | 1 |
| Size | 2 |

|  |  |
| --- | --- |
| ID | US3 |
| Name | Customer Logout |
| Description | As a customer, I should be able to Logout the system in my user profile page by clicking the Logout button or automatically logout after a period of Logging in. |
| Acceptance Criteria | Test-After clicking on the button, the customer should be able to Log off and be directed to home page with the status of “before login”.  Test-If a customer has logged in for 2 hours, a suitable message would be displayed on the page and then direct the browser to home page with the status of “before login”. |
| Priority | 2 |
| Prerequisites | 2, 4 |
| Size | 1 |

Epic Story 3: As a customer, I should be able to view my booking history and my account information.

|  |  |
| --- | --- |
| ID | US4 |
| Name | User profile |
| Description | As a customer, I should be able to view my booking history and my account information on the user profile page. |
| Acceptance Criteria | Test-A logged user should be able to click on the button in the home page and then be directed to the user profile page with booking history, account information and a logout button. |
| Priority | 3 |
| Prerequisites | 2 |
| Size | 3 |

Epic Story 4: As a user, I should be able to search for the car available for me with specific search criteria.

|  |  |
| --- | --- |
| ID | US5 |
| Name | Search page |
| Description | In the search page, there would be a search bar that allow the user to type in along with some tick boxes to make some criteria. |
| Acceptance Criteria | Test-To search with the search bar blank would display all the cars that satisfy all the conditions chosen.  Test-If no existing car fits the requirement, a message would be sent displayed to tell that no result. |
| Priority | 2 |
| Prerequisites | 1 |
| Size | 5 |

|  |  |
| --- | --- |
| ID | US6 |
| Name | Result page |
| Description | After pressing the research button on the research page, information of cars that match the requirements would be displayed. |
| Acceptance Criteria | Test-Picture, price, age and series of each car would be in the information box. |
| Priority | 3 |
| Prerequisites | 5 |
| Size | 5 |

|  |  |
| --- | --- |
| ID | US7 |
| Name | Detailed information |
| Description | A customer would be able to click on one information page and then be directed to a page to display the detailed information. |
| Acceptance Criteria | Test-Picture, name, year, pick and return range, price range and a book button would occur on the page. |
| Priority | 4 |
| Prerequisites | 6 |
| Size | 2 |

Epic Story 5: As a customer, I should be able to book for a car.

|  |  |
| --- | --- |
| ID | US8 |
| Name | Booking page |
| Description | A customer is need to specify additional details including: name, age, license number, rental period, contact details and whether to purchase an insurance. |
| Acceptance Criteria | Test-If at least one mandatory information is empty or invalid, an error message would occur. |
| Priority | 5 |
| Prerequisites | 7 |
| Size | 4 |

|  |  |
| --- | --- |
| ID | US9 |
| Name | Payment |
| Description | Once all the additional information are completed the browser would be directed to a page that a net price is shown and several column to fill in the credit card details. |
| Acceptance Criteria | Test-If the credit card information is invalid, an error message would occur.  Test-If the information is valid, a confirmation button would occur. |
| Priority | 5 |
| Prerequisites | 8 |
| Size | 2 |

|  |  |
| --- | --- |
| ID | US10 |
| Name | Confirmation |
| Description | Once a customer has confirmed the payment, a confirmation email would be sent to the email address written. |
| Acceptance Criteria | Test-If the customer didn’t receive the email, he can press the resent button to acquire that email again. |
| Priority | 5 |
| Prerequisites | 9 |
| Size | 2 |

Epic Story 6: As a staff, I should be able to login and logout to the system.

|  |  |
| --- | --- |
| ID | US11 |
| Name | Staff Login |
| Description | As a staff, I should be able to enter my username and password to login my personal account and then be directed to staff page. |
| Acceptance Criteria | Test-If username and password are correct, a customer can login successfully and be directed to the staff page  Test-If username or password are not valid, an error message would be displayed on that page. |
| Priority | 2 |
| Prerequisites | 0 |
| Size | 1 |

|  |  |
| --- | --- |
| ID | US12 |
| Name | Staff Logout |
| Description | As a staff, I should be able to Logout the system in the staff page by clicking the Logout button or automatically logout after a period of Logging in. |
| Acceptance Criteria | Test-After clicking on the button, the customer should be able to Log off and be directed to the Login page.  Test-If a staff has logged in for 2 hours, a suitable message would be displayed on the page and then direct the browser to Login page. |
| Priority | 2 |
| Prerequisites | 11 |
| Size | 1 |

Epic Story 7: An Admin can enter new car information into the system.

|  |  |
| --- | --- |
| ID | US13 |
| Name | Add new car |
| Description | Admin can add new car by filling a form in the staff page by filling in the following pieces of information: vehicle-type (small, medium, large, premium), make, model, year and registration number. |
| Acceptance Criteria | Test-If the information if not complete, a suitable error message would occur. |
| Priority | 3 |
| Prerequisites | 11 |
| Size | 4 |

Epic Story 8: As a manager, I should be able to generate weekly reports that show a log of cars rented during the week.

|  |  |
| --- | --- |
| ID | US14 |
| Name | Generate weekly reports |
| Description | After logging in with a manager account, the user could generate a weekly report in the staff page by clicking a button. |
| Acceptance Criteria | Test-The chart can show the numbers of cars rented and detailed information of each car. |
| Priority | 6 |
| Prerequisites | 10,11 |
| Size | 6 |