|  |  |  |
| --- | --- | --- |
| **User stories, Acceptance criteria and User scenarios for the major 3 user stories** | | |
| **User stories** | **Acceptance criteria** | **Scenarios** |
| * Browse available cars only | * The system should display available cars. * The customer should see all the displayed available cars | * The customer opens the right website. * The system prompts options to select from * Customer selects cars. * The system displays all available cars. |
| * Browse all cars by model, make and year | * The system should display all cars by model, make, year. * the car model, make, year should be valid and full. | * The customer opens the right website. * The system prompts options to select from * The system asks to enter the model, make and year of the car. * The customer enters the model, make and year of the car. * The system displays all cars with the same model, make and year given. |
| * Browse all cars | * The system should display all cars (available and unavailable cars) * The customer should be able to view detailed information about each car, including photos, features, and rental terms | * The customer opens the right website. * The system prompts options to select from * Customer selects cars. * The system displays all cars. |
| * Make payments with debit card | * The customer should be able to select debit card from the available payment method options * The account should have enough balance | * the customer chooses the payment type * the system prompts the customer to enter card information such as first name, last name, credit card number, CVV, and zip-code * the system validates the information and displays acceptance or rejection of the payment |
| * Make payments with credit card | * The customer should select credit card from the list of available payment method options | * the customer chooses the payment type * the system prompts the customer to enter card information such as first name, last name, debit card number, CVV, and zip-code * the system validates the information and displays acceptance or rejection of the payment |
| * Make payments with bank transfer | * The account should have enough balance * The customer selects bank transfer from the list of available payment methods | * the customer chooses the payment type * the system prompts the customer to enter card information such as bank name and routing number * the system validates the information and displays acceptance or rejection of the payment |
| * Validate through an external payment processing company | * The system should be able to accept those valid accounts * The system should be able to reject those invalid accounts | * the car-rental system sends payment information to the external payment processing system * the external payment processing system validates the information and displays acceptance/rejection message |
| * As an admin, I want to be able to manage the cars, rental requests and customer information, so that I can efficiently manage the rental process. | * The customer should be able to select debit card from the available payment methods * The account should have enough balance |  |
| * As an admin, I want to be able to generate reports on rental history and customer data for business analysis, so that I can make data driven decisions for the car rental business. |  |  |
| * As an admin, I want to be able to integrate the new web-based system with the current manual system, so that there is continuity of service and data between the two systems |  |  |
| * Create an account | * the system should be able to accept those invalid accounts * the system should be able to accept those invalid accounts | * The system asks to create an account. * The customer agrees to create an account. * The system displays input form details and indicate the requirements. * The customer fills in the details and confirm to create an account. * The system displays a confirmation message and opens the account page. |
| * Delete an account | * Account username should be recorded in the system and should be flagged not to be used again by the same or another customer. * System should ask confirmation, before deleting existing account. * I should not be able to login with the old username and password | * The customer requests an account deletion. * The system asks password and username confirmation. * The customer fills the username and password. * The system asks for confirmation of the deletion and notifies as data will be unrecoverable. * The customer confirms * The system closes the account holder page and return to the general home page. |
| * View personal information | * I should have to be able to see my personal data. | * The customer request for personal data display * The system displays the account holder personal data. |
| * View rental history | * I should be able to see five years rentals. * Rental history more than 5 years will be removed. | * The customer request for rental history. * The system displays all the rental histories in the past five years. |