|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-01 | |
| Use-Case Name | Create User | |
| Priority | High | |
| Actor | Admin | |
| Description | This use case describes how the system's administrator creates users. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the staff member successfully adds to the user database. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. Actor is on the user registration page.  3. Actor fill the Frist Name, Last Name, Username, Password, Confirm Password, NIC Number, Email, Contact Number, Address and User Image.  4. Click the Insert User button | 2. System prompts user registration form to insert user data.  5. System checks current user data already in the system.  6. The new user successfully adds to the system.  7. System popup “New User Successfully Add”.  8. Redirect to insert user page |
| Alternate course of Action | 5.1 If the system detects recommended fields are not filled system display “This field is mandatory” and returns to step 3.  5.2 System validates all fields are filled with correct format. If not, system display necessary error messages.  5.3 If user details are already in the system display “This user already in the system” and returns to step 3. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-02 | |
| Use-Case Name | User roles with permissions | |
| Priority | High | |
| Actor | Admin | |
| Description | This use case describes how Admin create the user roles and permissions. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the user roles and permissions are created. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the user roles and permission page.  3. Actor crate new role and permission  4. Click Add button. | 2. The system prompts a from to create user roles and permission.  5. System check the user roles and permission already exist in the system.  6. Systeme Prompts “User Role and Permission Sucssufluy Insert” |
| Alternate course of Action | 5.1 If user roles and permission are already in the system, the system prompts “This User Role and Permission already in the system” and blocks the insertion and return to step 3. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-03 | |
| Use-Case Name | Register New Customer | |
| Priority | High | |
| Actor | Customer | |
| Description | This use case describes how to create customer accounts. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor was successfully added to the system database and redirected to the login page. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the Registration page to create an account.  3. The Actor enters appropriate details  4. Clicks the Register button. | 2. The system promotes the Customer Registration form.  5. The system verifies that all recommended fields have been filled out and valid.  6. The system checks the entered details are already in the system database.  7. The system promotes “You're successfully registered” 8. The system redirects to the My Login page to log in. |
| Alternate course of Action | 5.1 If the system detects recommended fields are not filled system prompts “This field is mandatory” and returns to step 3.  6.1 If the system detects the registration data already in the database system prompts “You’re already a customer please log in” and returns to the login page. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-04 | |
| Use-Case Name | Login and Logout | |
| Priority | High | |
| Actor | Admin, Shop Manager, Inventory Manager, Delivery Manager, Technician, Customer | |
| Description | This use case describes how Shop Staff and Customer to login into the System. | |
| Precondition | All actors are properly registered to the system. | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| The Actor is on the home page to login to the system.  The Actor enters username andpassword, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-05 | |
| Use-Case Name | Log in and Log Out | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-06 | |
| Use-Case Name | Forget Password Request | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-07 | |
| Use-Case Name | Generate Reports | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-08 | |
| Use-Case Name | Export Filter Reports | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | Manage Inventory Items | |
| Use-Case Name | Log in | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | Update Stock In | |
| Use-Case Name | Log in | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | Update Stock Out | |
| Use-Case Name | Log in | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-12 | |
| Use-Case Name | Create Reorder Levels | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-13 | |
| Use-Case Name | Check Items | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-14 | |
| Use-Case Name | Order Items via Cart | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-15 | |
| Use-Case Name | Make Payment | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-16 | |
| Use-Case Name | Cash on Delivery | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-17 | |
| Use-Case Name | Update Courier Details | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-18 | |
| Use-Case Name | Check Items for PC builder | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-19 | |
| Use-Case Name | Generate Invoice for Selected Items | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-20 | |
| Use-Case Name | Make Appointment for Claim Warranty | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-21 | |
| Use-Case Name | Clam Warranty | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-22 | |
| Use-Case Name | Troubleshooting Questioner | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-21 | |
| Use-Case Name | Request Rapier Inspection | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-21 | |
| Use-Case Name | Suggest Troubleshoot Steps | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |

|  |  |  |
| --- | --- | --- |
| Use-case Number | UC-21 | |
| Use-Case Name | Suggest Items for Purchase | |
| Priority | High | |
| Actor | Staff, Manager, Customer | |
| Description | This use case describes how Staffs to login into the Lion Car Rental System. | |
| Precondition | None | |
| Post-condition | If the use case was successful, the actor is now logged into the system. If not, the system state is unchanged. | |
| Basic course of Action | **User Action** | **System Response** |
| 1. The Actor is on the home page to login to the system.   3. The Actor enters username and password, click on a Login Button. | 1. The system promotes the Actor to enter Username, Password. 2. The system verifies that all the filled have been filled out and valid. 3. The system successfully logged in the system. 4. Use case Exit |
| Alternate course of Action | 4.1 If all fields are not filled out and not matched to the username and password the system notifies the actor a message “Invalid Username or Password” and then goes back or returns to step 3 of basic course of Action to enter again. | |