|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | User stories | Given | When | Then |
| DT-1 | Create an account | Rule: Only allow account registration when it has no conflict with the database. | | |
| 01 | User creates an account with unique information | User clicks on sign up button | Account successfully created AND registered in database. |
| 02 | User creates an account with information similar to database. | User clicks on sign up button | Account creation not authorized AND account is NOT registered in database. |
|  | Rule: Only allow account creation when provided input are valid | | |
| 03 | User inputs password/username that meet the requirements. | User clicks on sign up button | Account successfully created. |
| 04 | User inputs password/username does not meet the requirements. | User clicks on sign up button | Warn user that conditions are not met AND account failed to be created. |
| UI-1 | Advertisement of products |  |  |  |
| UI-2 | Search engine |  |  |  |
| DT-2 | Safely storing credit credentials |  |  |  |
| UI-3 | Initiate return process |  |  |  |
| UI-4 | Dashboard |  |  |  |
| UI-5 | Contact Us page |  |  |  |
| UI-6 | Public landing page |  |  |  |
| UI-7 | Google API |  |  |  |
| DT-3 | Database for products | Rule: Only specific account to add/remove item from database | | |
| 01 | Seller users/ admin add/remove item from database | Establish connection with database | Action authorized AND database is updated. |
| 02 | Basic users add/remove item from database | Establish connection with database | Action NOT authorized AND database is NOT updated. |
| UI-8 | Shopping cart | Rule: Only items in stock can be added in cart. | | |
| 01 | User views an item in stock on the website. | User adds item to cart | Respective item get added to cart AND database is updated. |
| 02 | User views an item NOT in stock on the website | User adds item to cart | Item NOT added to cart AND user gets notified |
| UI-9 | Edit profile | Rule: Only successful modifications are updated to database. | | |
| 01 | User views their profile and wants to edit their information | Able to establish connection between user and database | Modification authorized AND database is updated with new information. |
| 02 | User views their profile and wants to edit their information | Unable to establish connection between user and database | Modification NOT authorized AND database is NOT updated with new information. |
| UI-10 | Login | Rule: Only allow log in when account is registered in database. | | |
| 01 | Users log in with registered account | User clicks on log in button | User successfully log in AND user’s session starts |
| 02 | Users log in with unregistered account | User clicks on log in button | User failed to log in AND no session is started. |
|  | Rule: Only allow log in when username and password match. | | |
| 03 | User uses a password that matches with the username. | User clicks on log in button | User successfully log in AND user’s session starts |
| 04 | User uses a password that does not matches with the username. | User clicks on log in button | User failed to log in AND no session is started. |
| UI-11 | Product Page | Rule: User should be able to view product pages. | | |
| 01 | User clicks on product tabs | Able to establish a connection between user and server | User can view all the products in stock |
| 02 | User clicks on product tabs | Unable to establish a connection between user and server | Unable to direct user to page AND user is unable to view products |