Software Engineering

Lab No. 3

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| **Use Cases**  **Q.No.1: Online Shopping**  **Use Case 1:**  **(Add Items to the Shopping Cart)** | |
| Use Case Name | Online Shopping |
| Participating Actors | Customer |
| Goal | Add items to the shopping cart |
| Trigger | User selects search from the system menu. |
| Precondition | There is item list stored in the database. |
| Post-condition | Item’s information are displayed according to additional criteria. |
| Basic Flow | 1. User enters the web address of the shopping site. 2. System returns a view with the site main menu. 3. User chooses searches & browses the items, view them and selects ‘Add to Shopping Cart’. |
| Exceptions | 4. No item found.  4.1. System returns with no results. |

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| **Use Case 2:**  **(View & Update Shopping Cart)** | |
| Use Case Name | View & Update Shopping Cart |
| Participating Actors | Customer |
| Goal | Allowing customer to view & update shopping cart. |
| Trigger | Customer selects view cart or update cart. |
| Precondition | There are some items in the shopping cart. |
| Post-condition | Items are shown up in the cart. |
| Basic Flow | 1. Customer selects view cart. 2. System returns a view with the selected items in the cart. 3. User chooses update cart items. 4. System returns with a new list of items. 5. Shopping done. |
| Exceptions | 4. No item is in the cart.  4.1. System returns empty cart. |
| **Use Case 3:**  **(Proceed to Checkout)** | |
| Use Case Name | Proceed to Checkout |
| Participating Actors | Customer |
| Goal | Allowing customer to view his cart & payment methods. |
| Trigger | Customer selects ‘Proceed to Checkout’. |
| Precondition | There are some items in the shopping cart. |
| Post-condition | Items are shown up in the cart with payment methods. |
| Basic Flow | 1. Customer selects ‘Proceed to Checkout’. 2. System returns a view with the cart & payment methods. 3. User chooses the payment option. 4. System returns with ‘Shopping done’. |
| Exceptions | 4. No item is in the cart. 4.1. System returns empty cart. |

**Q.No.3: Adding a New User in the System**

