

Roll No : 153157

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Submission deadline : 5.00 pm

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ONLINE SHOPPING

Use case 1:

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| <i>Use-case</i> | searchingItem |
| <i>Primary Actor</i> | Customer |
| <i>Pre-condition</i> | <ol style="list-style-type: none">1. Customer is already registered and is logged-in2. Customer searches a specific item. |
| <i>Post-condition</i> | Customer adds item to cart. |
| <i>Work flow</i> | <ol style="list-style-type: none">1. Customer clicks on the search bar and inputs items name.2. System shall display the list of search results.3. Customer clicks on one of the products displayed to view it.4. System shall display item and ask to add to cart.5. Customer clicks on “add to cart” clickbox to add item to shopping cart list. |
| <i>Alternative flow</i> | <p>Search item not found:</p> <ol style="list-style-type: none">a. System shall display a message saying item not found.b. Customer goes back to search result by clicking on “Search another item” click-box. <p>Customer clicks on the “Go back” click-box:</p> <ol style="list-style-type: none">a. System shall return to search results. |

Use Case 2:

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| <i>Use-case</i> | randomBrowsing |
| <i>Primary Actor</i> | Customer |

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| <i>Pre-condition</i> | <ol style="list-style-type: none"> 1. Customer is already registered and is logged-in. 2. Homepage of the website have different products listed. |
| <i>Post-condition</i> | Customer adds item to cart. |
| <i>Work flow</i> | <ol style="list-style-type: none"> 1. Customer scrolls down the home page. 2. System shall randomly show available product items. 3. Customer selects one of the product items. 4. System shall display selected item and ask to add to cart. 5. Customer clicks on “add to cart” click-box to add item to shopping cart list. |
| <i>Alternative flow</i> | <p>Customer clicks on the “Go back” click-box.</p> <ol style="list-style-type: none"> a. System shall return to browse results. |

Use case 3:

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| <i>Use-case</i> | cartView |
| <i>Primary Actor</i> | Customer |
| <i>Pre-condition</i> | <ol style="list-style-type: none"> 1. Customer is already registered and logged-in 2. Customer added items to cart. |
| <i>Post-condition</i> | Customer proceeds to checkout. |
| <i>Work flow</i> | <ol style="list-style-type: none"> 1. Customer clicks on “view cart” click-box. 2. System shall display all items added to shopping cart by the user on a new page. 3. Customer shall be able to remove cart items by clicking on |

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| | <p>the “ x ” click-box, displayed with each added item.</p> <ol style="list-style-type: none"> 4. System shall remove any cart items customer removes by clicking on the “ x ” labeled clickbox. 5. Customer clicks on the “Proceed” click-box at the bottom of the cart viewing page. 6. System shall display all items prices and shows total cost of items on the new ‘order confirmation’ page. 7. Customer shall click on “Confirm items” click-box to place order. 8. System shall notify successful order placement by displaying a “Success!” message. |
| <i>Alternate flow</i> | <p>Customer clicks on “Go back” clickbox on cart viewing page.</p> <ol style="list-style-type: none"> a. System shall return to last visited page. <p>Customer clicks on “Go back” clickbox on ‘order confirmation’ page.</p> <ol style="list-style-type: none"> a. System shall return to cart viewing page. |
| <i>Exceptions</i> | <p>Customer adds no items to shopping cart and clicks on “view cart”.</p> <ol style="list-style-type: none"> a. System shall display message: ‘No items added to cart.’ |

Login System

Use case 1:

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| <i>Use-case</i> | Login |
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| <i>Primary Actor</i> | Account User |
| <i>Pre-conditions</i> | <ol style="list-style-type: none"> 1. User already has a registered account. 2. User already has a registered name and key. |
| <i>Post-condition</i> | User successfully access the system |
| <i>Work flow</i> | <ol style="list-style-type: none"> 1. User clicks on 'Sign in' click-box. 2. System shall require user to enter a valid registered accountid. 3. User inputs valid account-id (in not more than three tries at maximum). 4. System shall ask user to enter name and key. 5. User enters name not less than 4 characters. 6. System shall validate the name or the key is registered. 7. System shall grant user access to system. |
| <i>Alternate flow</i> | <p>Invalid account inputs:</p> <ol style="list-style-type: none"> 1. User clicks on 'Sign in' click-box. 2. System shall require user to enter valid registered accountid. 3. User inputs invalid account-id. 4. System shall require valid user account-id again. <p>Name less than 4 characters:</p> <ol style="list-style-type: none"> 1. System shall ask user to enter name and key. 2. User enters unregistered name and key. |

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| | 3. System shall display error message and ask user to input valid name and again. |
| <i>Exceptions</i> | <p>User enters incorrect account-id more than three times.</p> <p>a. System shall terminate the running program.</p> |

LAB PART II

