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Comp 3700

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Project 3 Design Document

**User:**

“Change Password or Name” common use case:

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| **Actor** | **System** |
| 1. Choose command "Update User Info"     Main Screen: | 2. Display "Update User Info" screen    "Update User Info" screen: |
| 3. Click “Update Password” button    “Update User Info” screen: | 4. Display “Update Password” screen    “Update Password” screen: |
| 5. Enter new password: | Display “Password Successfully Updated” screen: |

**Admin:**

“Adding a new user into the system” common use case:

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| **Actor** | **System** |
| 1. Login as admin     Login Screen: | 2. Display "Admin User" screen    "Admin User" screen: |
| 3. Click “Add User” button and add data and click “Add” button    “Add User” screen with User data: | 4. Hide “Add User” screen and display “User Added Successfully” screen    “User Added Successfully” screen: |
| 5. Click on “Ok” button: | Display “Admin User” screen: |

“Update user type” common use case:

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| **Actor** | **System** |
| 1. Choose command "Add User"     Main Screen: | 2. Display "Update User Type" screen |
| 3. Input data then click “Update” button | 4. Display “Updated User Successfully” screen |
| 5. Click on “Ok” button: | Display “Main” screen: |

**Manager:**

“Adding a new product into the system” common use case:

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| **Actor** | **System** |
| 1. Choose command "Manage Product"     Main Screen: | 2. Display "Manage Product" screen    "Manage Product" screen: |
| 3. Input data then click “Save” button    “Manage Product” screen with data: | 4. Hide “Manage Product” screen and display “Saved Product Successfully” screen    “Save Product Successfully” screen: |
| 5. Click on “Ok” button: | Display “Main” screen: |

“Update Current Product” common use case:

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| --- | --- |
| **Actor** | **System** |
| 1. Choose command "Manage Product"     Main Screen: | 2. Display "Manage Product" screen    " Manage Product" screen: |
| 3. Input ProductID then click “load” button    “Manage Product” screen with ProductID: | 4. Display the data of the given product    “Manage Product” screen: |
| 5. Change product price and click “Save”:  “Manage Product” screen: | 6. Hide “Manage Product” screen and display “Saved Product Successfully” screen  “Save Product Successfully” screen: |
| Click on “Ok” button: | Display “Main” screen: |

“View Sales Summary” common use case:

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| **Actor** | **System** |
| 1. Choose command "Sales Summary"   Main Screen: | 2. Display " Sales Summary" screen |
| 5. Click on “Ok” button: | Display “Main” screen: |

**Cashier:**

“Adding a new customer into the system” common use case:

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| **Actor** | **System** |
| 1. Choose command "Manage Customer"   Main Screen: | 2. Display " Manage Customer" screen  " Manage Customer" screen: |
| 3. Input data then click “Save” button  “Manage Customer” screen with data: | 4. Hide “Manage Customer” screen and display “Customer Saved Successfully” screen  “Customer Saved Successfully” screen: |
| 5. Click on “Ok” button: | Display “Main” screen: |

“Changing Customer Address” common use case:

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| --- | --- |
| **Actor** | **System** |
| 1. Choose command "Manage Customer"   Main Screen: | 2. Display "Manage Customer" screen  " Manage Customer" screen: |
| 3. Input CustomerID then click “load” button  “Manage Customer” screen with CustomerID: | 4. Display the data of the given Customer  “Manage Customer” screen: |
| 5. Change Customer address and click “Save”:  “Manage Customer” screen: | 6. Hide “Manage Customer” screen and display “Customer Saved Successfully” screen  “Customer Save Successfully” screen: |

“Add a new purchase into the system” common use case:

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| **Actor** | **System** |
| 1. Choose command "Manage Purchase"     Main Screen: | 2. Display " Manage Purchase" screen    " Manage Purchase" screen: |
| 3. Input data then click “Save” button    “Manage Purchase” screen with data: | 4. Hide “Manage Purchase” screen and display “Purchase Saved Successfully” screen    “Purchase Saved Successfully” screen: |
| 5. Click on “Ok” button: | Display “Main” screen: |

“Changing Purchase Quantity” common use case:

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| --- | --- |
| **Actor** | **System** |
| 1. Choose command "Manage Purchase"   Main Screen: | 2. Display "Manage Purchase" screen  " Manage Purchase " screen: |
| 3. Input PurchaseID then click “load” button  “Manage Purchase” screen with PurchaseID: | 4. Display the data of the given Purchase  “Manage Purchase” screen: |
| 5. Change Purchase quantity and click “Save”:  “Manage Purchase” screen: | 6. Hide “Manage Purchase” screen and display “Purchase Saved Successfully” screen  “Purchase Saved Successfully” screen: |

**Customer:**

“Add a new purchase into the system” common use case:

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| **Actor** | **System** |
| 1. Choose command "Manage Purchase"     Main Screen: | 2. Display " Manage Purchase" screen    " Manage Purchase" screen: |
| 3. Input data then click “Save” button    “Manage Purchase” screen with data: | 4. Hide “Manage Purchase” screen and display “Purchase Saved Successfully” screen    “Purchase Saved Successfully” screen: |
| 5. Click on “Ok” button: | Display “Main” screen: |

“Customer View Purchase History” common use case:

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| --- | --- |
| **Actor** | **System** |
| 1. Login as customer user     Login Screen: | 2. Display "Customer User" screen    "Customer User" screen: |
| 3. Click “View Purchase History” button    “View Purchase History” screen with data: | 4 Click on “Ok” button: |
| 5. Display “Customer User” screen: |  |

“Search Products” common use case:

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| **Actor** | **System** |
| 1. Choose command "Search Product"     Main Screen: | 2. Display "Search Product" screen    "Search Product" screen: |
| 3. Input data then click “Search” button | 4. Display all products within the search criteria |