Software Architecture - Project 2

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1. As a user, I want to change my password and/or full name.

Normal case

|  |  |
| --- | --- |
| Actor | System |
| 1. Display Login Screen  Click on “Change password or fullname” | 2.Display “ChangeUserInfo” Screen |
| 3.Input Data then click button “Update”  Display “ChangeUserInfo” screen with input data | 4.Display “Updated successful!” |
| 5.Click “OK” | 6.Display Main Screen |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| 1. Display Login Screen  Click on “Change password or fullname” | 2.Display “ChangeUserInfo” Screen |
| Input Data then click button “Add”  “Add Product” screen with input data | 4. Display the error |
| 5. Click “OK” | 6. Display Main Screen |

1. As an admin, I want to add a new user into the system.

Normal case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login” | 2. Display “Admin View” Screen  Click on “Add New User” |
| Input Data then click button “Add”  “Add User” screen with input data | 4. Display “User is saved successfully!” |
| 5. Click “OK” | 6. Display “Admin View” Screen |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login” | 2. Display “Admin View” Screen  Click on “Add New User” |
| Input Data then click button “Add”  “Add Customer” screen with input data | 4. Display the error |
| 5. Click “OK” | 6. Display “Admin View” Screen |

1. As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager).

Normal case

|  |  |
| --- | --- |
| Actor | System |
| Login with an admin account  Click on “Login” | 2. Display “Admin View” Screen  Click on “Change User Class” |
| Input Data then click button “Update”  “Change User Class” screen with input | 4. Display “Product is saved successfully!” |
| 5. Click “OK” | 6. Display “Admin View” Screen |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| Login with an admin account  Click on “Login” | 2. Display “Admin View” Screen  Click on “Change User Class” |
| 3.Input Data then click button “Update”  “Change User Class” screen with input | 4. Display the error |
| 5. Click “OK” | 6. Display Admin View” Screen |

4. As a manager, I want to add a new product or update a current product in the system.

Normal case

|  |  |
| --- | --- |
| Actor | System |
| 1. Login with a manager account  Click on “Login” | 2.Display “Manager” Screen  Click “Manage product” |
| 3.Input Data then click button “Save Product”  Display “Update Product Information” screen with input data | 4.Display “Updated successful!” |
| 5.Click “OK” | 6.Display “Manager” Screen |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| 1. Login with a manager account  Click on “Login”  A screenshot of a cell phone  Description automatically generated | 2.Display “Manager” Screen  Click “Manage product”  A screenshot of a cell phone  Description automatically generated |
| 3.Input Data then click button “Save Product”  Display “Update Product Information” screen with input data | 4.Display “Updated successful!” |
| 5.Click “OK” | 6.Display “Manager” Screen  A screenshot of a cell phone  Description automatically generated |

5.As a cashier, I want to add a new customer or update a current customer in the system..

Normal case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login” | 2. Display “Cashier” Screen  Click on “Add New Customer” |
| Input Data then click button “Save Customer”  “Manage Customer” screen with input data | 4. Display “User is saved successfully!” |
| 5. Click “OK” | 6. Display “Admin View” Screen |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login”  A screenshot of a cell phone  Description automatically generated | 2. Display “Cashier” Screen  Click on “Add New Customer”  A screenshot of a cell phone  Description automatically generated |
| Input Data then click button “Save Customer”  “Manage Customer” screen with input data | 4. Display “User is saved successfully!” |
| 5. Click “OK” | 6. Display “Admin View” Screen  A screenshot of a cell phone  Description automatically generated |

6.As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system.

Normal case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login”  A screenshot of a cell phone  Description automatically generated | 2. Display “Cashier” Screen  Click on “Add New Purchase”  A screenshot of a cell phone  Description automatically generated |
| Input Data then click button “Add”  “Add Purchase” screen with input data | 4. Display “User is saved successfully!” |
| 5. Click “OK” | 6. Display “Cashier” Screen  A screenshot of a cell phone  Description automatically generated |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login”  A screenshot of a cell phone  Description automatically generated | 2. Display “Cashier” Screen  Click on “Add New Purchase”  A screenshot of a cell phone  Description automatically generated |
| Input Data then click button “Add”  “Add Purchase” screen with input data | 4. Display Error message |
| 5. Click “OK” | 6. Display “Cashier” Screen  A screenshot of a cell phone  Description automatically generated |

7. As a customer, I want to add a new purchase into the system.

Normal case

|  |  |
| --- | --- |
| Actor | System |
| 1. Login with a manager account  Click on “Login” | 2.Display “Customer” Screen  Click “Make a purchase” |
| 3. Input Data then click button “Add”  Display “Add Purchase” screen with input data | 4.Display “Updated successful!” |
| 5.Click “OK” | 6.Display “Manager” Screen |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| 1. Login with a manager account  Click on “Login” | 2.Display “Customer” Screen  Click “Make a Purchase” |
| 3.Input Data then click button “Add”  Display “Add Purchase” screen with input data | 4.Display error message |
| 5.Click “OK” | 6.Display “Customer” Screen |

8. As a customer, I want to view my purchase history into the system.

Normal case

|  |  |
| --- | --- |
| Actor | System |
| Login Screen  Click on “login” | 2. Display “Cashier” Screen  Click on “View Purchase History” |
| 3.Display purchase history for the user | 4. Display “Cashier” Screen  A screenshot of a cell phone  Description automatically generated |

Exception case

|  |  |
| --- | --- |
| Actor | System |
| Main Screen  Click on “login” | 2. Display error message |
| 5. Click “OK”  A screenshot of a cell phone  Description automatically generated | 6. Display “Login” Screen |