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COMP 3700

Project 2

1. Use Cases

1. Common Use Case

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

B. Actors: All users

C. Goals: edit profile

D. Preconditions: Login as a user

E. Summary: Edit profile

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Display Login screen | 1. Login with correct credentials and display type screen |
| 1. Click edit profile | 1. Display screen   “Edit profile” screen |
| 1. Edit and click update | 1. Display “Update Succesfully” screen |
| 1. Click “OK” | 1. Display User Screen |

2 Use Case

A. Add user to system

B. Actors: Admin

C. Goals: Add user

D. Preconditions: admin has logged in

E. Summary: add user to database

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Display “admin” Screen and click add user button   “Admin” screen | 1. Display add user screen |
| 1. Input User information | 1. Display user added successful screen |
| 1. Click on “Ok” button | 1. Display “admin” Screen   “Admin” screen |

Use Case:

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

A. Update type of user

B. Actors: Admin

C. Goals: Update type of user to the system

D. Preconditions: Admin has logged in

E. Summary: Update type of user in system

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Login and display admin screen   Display Admin Screen | 1. Click on update user screen and display screen |
| 1. Input username and password and wanted update class type   “Update user” screen | 1. Display success if updated successfully   “Success” screen |
| 1. Click ok | 1. Display “Admin screen” |

Use Case:

4. Add new product to system as manager

A. Add new product

B. Actors: manager

C. Goals: Add new product

D. Preconditions: System in the main screen and user inputs incorrect information

E. Summary: add new product to system

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1, Login as a manager and click on add new product | 1. Display “add/update product |
| 1. Manger correctly inputs new product information and clicks new product   “Add/Update product” screen | 1. If success display success creen |
| 1. Click on “Ok” button | 1. Display manager screen |

Use Case: Display summary report

5. Display summary report

A. display sale report

B. Actors manager,

C. Goals: Display sale report

D. Preconditions: Manager is logged in

E. Summary: Display summary report

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose summary report button | 1. Display Summary report |
| 1. Click exit once finished and display manager screen   “Configure Purchase” screen | 1. Display manager screen |

6. Cashier add new customer to system

A. Add new customer

B. Actors: Cashier

C. Goals: Record customer to system

D. Preconditions: cashier is logged in

E. Summary: add new customer to system

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command Add/Update Customer button | 1. Display “Add/Update” Customer screen |
| 1. Input load and then update whatever needs to be updated and click update existing   “Add/Update” screen | 1. Hide “Configure Purchase” screen and display Success if customer updated successfully   “Display success” screen |
| 1. Click on “Ok” button | 1. Display Cashier screen |

7. Cashier add new purchase to system

A. Add new purchase

B. Actors: Cashier

C. Goals: Record Purchase to system

D. Preconditions: cashier is logged in

E. Summary: add new Purchase to system

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command Add/Update purchase | 1. Display “Add/Update” Purchase screen |
| 1. Click add Purchase and input information and click add new purchase   “Add Purchase” screen | 1. Hide add purchase Screen and display success |
| 1. Click on “Ok” button | 1. Display Cashier screen |

8. Customer add new purchase

A. Add new purchase

B. Actors: Customer

C. Goals: Record purchase to system

D. Preconditions: customer is logged in

E. Summary: add new purchase to system

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command Make purchase button | 1. Display “Make Purchase” screen |
| 1. Input ProductID and Quantity and click make purchase button | 1. Hide “make Purchase” screen and display Success if purchase added successfully   “Display success” screen |
| 1. Click on “Ok” button | 1. Display Customer screen |

9. View purchase history of specific customer

A. View purchase history

B. Actors: Customer

C. Goals: View purchase history

D. Preconditions: customer is logged in

E. Summary: View purchase history

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command Purchase history button | 1. Display “Purchase Hisotry” Customer screen |
| 1. Click exit | 1. Display Customer Screen |

10.. Customer searches for product

A. Search for product

B. Actors: Customer

C. Goals: Search for product in system

D. Preconditions: customer is logged in

E. Summary: Search for product

G. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. Choose command Search product button | 1. Display “Search Product” Customer screen |
| 1. Input name and price and click search product button | 1. Display results if product exists or 0 if product doesn’t exist with the given price |
| 1. Click on “exit” | 1. Display Customer screen |