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User Story #1: As a user, I want to change my password and full name.

Use Case Name: Product Creation

Actors: All users

Goal: Update user information

Preconditions: User has the software up and running at the home screen

Summary: The user will click on the change user info button on the main menu. They will then enter in their new full name and password and hit save. A confirmation will appear that the update was successful.

Related Use Cases: Add User

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Change user info” command | Display “Change user info” GUI |
| Specify user info |  |
| Confirm new product | Alert shows successful change, GUI disappears, and the user info is changed in the database |

Postconditions: The system will be back to the home screen, and the info will be updated

Home Screen (Manager):

Manage Products

Manage Customers

Add Product

Add Customer

Change User Info

View Purchases

Change user info Screen:

Full name:

Password:

Save

User Story #2: As a user, I want to add a new user into the system.

Use Case Name: User Creation

Actors: Admin

Goal: Add a new user to the store’s database

Preconditions: User has the software up and running at the home screen

Summary: The user will click the add user button on the main menu. They will enter in the user information and click save. A notification will tell you that the user was successfully added.

Related Use Cases: Change User Info

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Add User” command | Display “Add User” GUI |
| Specify user info |  |
| Confirm new user | Alert shows successful add, GUI disappears, specified user is added to the database |

Postconditions: The system will be back to the home screen, and the new product will be in the database.

Home Screen (Admin):

Change User Info

Change User Type

Delete User

Add User

Add User Screen:

Username:

Password:

FullName:

UserType:

Add

CustomerId:

User Story #3: As a user, I want to update the type of user into the system.

Use Case Name: User Type Change

Actors: Admin

Goal: Change the user’s class in the store’s database

Preconditions: User has the software up and running at the home screen

Summary: The user will click the change user type button on the main menu. They will enter in the user information and click save. A notification will tell you that the user was successfully changed.

Related Use Cases: Add User

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Change User Type” command | Display “Change User Type” GUI |
| Specify user info |  |
| Confirm user info | Alert shows successful change, GUI disappears, specified user is changed the database |

Postconditions: The system will be back to the home screen, and the new product will be in the database.

Home Screen (Admin): See Above

Change User Type Screen:

Username:

UserType:

Save

User Story #4: As a user, I want to add a new product or update a current product in the system.

Use Case Name: Product Creation

Actors: Store manager

Goal: Add a new product to the store’s inventory database

Preconditions: User has the software up and running at the home screen

Summary: The user will click on the add product button at the top of the GUI. They will then be prompted by a new GUI that asks for the product’s ID, name, price, and quantity. They will enter the info and click the confirm button on the new GUI. An alert will show that the product was successfully added, the GUI will disappear, and the product will be added to the database.

Related Use Cases: Manage Product

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Add Product” command | Display “Add Product” GUI |
| Specify product info |  |
| Confirm new product | Alert shows successful add, GUI disappears, specified product is added to the database |

Postconditions: The system will be back to the home screen, and the new product will be in the database.

Home Screen (Manager): See above

Add Product Screen:

Product ID:

Product Name:

Product Price ($):

Quantity:

Confirm

User Story #5: As a user, I want to view a summary report of sales from the system.

Use Case Name: Sales Summary

Actors: Store manager

Goal: View all purchases in the store’s database

Preconditions: User has the software up and running at the home screen

Summary: The user will click the view purchases button on the main menu. A new screen will appear will a grid for each purchase showing the purchaseID, customerID, productid, product name, and total sale cost.

Related Use Cases: Add Purchase, View customer purchases

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “View Purchases” command | Display “Purchase history” GUI |
|  | A grid of all purchases and their info is displayed for the user |

Postconditions: The system will be back to the home screen once the purchase history screen is closed.

Home Screen (Manager): See above

View Purchases Screen:

Total

Product Name

ProductID

CustomerID

PurchaseID

User Story #6: As a user, I want to add a new customer or update a current customer in the system.

Use Case Name: Customer Creation

Actors: Cashier

Goal: Add a new customer to the store’s inventory database

Preconditions: User has the software up and running at the home screen

Summary: The user will click on the add customer button at the top of the GUI. They will then be prompted by a new GUI that asks for the customer’s ID, name, email, and address. They will enter the info and click the confirm button on the new GUI. An alert will show that the customer was successfully added, the GUI will disappear, and the customer will be added to the database.

Related Use Cases: Manage Customer

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Add Customer” command | Display “Add Customer” GUI |
| Specify customer info |  |
| Confirm new customer | Alert shows successful add, GUI disappears, specified customer is added to the database |

Postconditions: The system will be back to the home screen, and the new product will be in the database.

Home Screen (Cashier):

Manage Purchase

Add Purchase

Manage Customers

Add Customer

Change User Info

Add Customer Screen:

Customer ID:

Customer Name:

Customer Email:

Customer Address:

Confirm

User Story #7: As a user, I want to add a new purchase or update a current purchase in the system.

Use Case Name: Purchase Creation (Cashier)

Actors: Cashier

Goal: Add a new purchase to the store’s inventory database

Preconditions: User has the software up and running at the home screen

Summary: The user will click on the add purchase button at the top of the GUI. They will then be prompted by a new GUI that asks for the purchase’s ID, customer ID, product ID, and product quantity. They will enter the info and click the confirm button on the new GUI. The system will display the customer, product, date, and pricing details as the IDs and quantity are specified. An alert will show that the purchase was successfully added along with the receipt info, the GUI will disappear, and the purchase will be added to the database.

Related Use Cases: Manage Purchase

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Add purchase” command | Display “Add Purchase” GUI |
| Specify purchase info | Display the customer, product, date, and pricing details as the IDs and quantity are specified |
| Confirm new purchase | Alert shows successful add along with a receipt, GUI disappears, specified purchase is added to the database |

Postconditions: The system will be back to the home screen, and the new purchase will be in the database.

Home Screen (Cashier): See above

Add Purchase Screen:

Purchase ID:

Date

Customer ID:

Product ID:

Quantity:

Confirm

Pricing Info Here

User Story #8: As a user, I want to add a new purchase in the system.

Use Case Name: Purchase Creation (Customer)

Actors: Customer

Goal: Add a new purchase to the store’s inventory database

Preconditions: User has the software up and running at the home screen

Summary: The user will click on the add purchase button at the top of the GUI. They will then be prompted by a new GUI that asks for the purchase’s ID, customer ID, product ID, and product quantity. They will enter the info and click the confirm button on the new GUI. The system will display the customer, product, date, and pricing details as the IDs and quantity are specified. An alert will show that the purchase was successfully added along with the receipt info, the GUI will disappear, and the purchase will be added to the database.

Related Use Cases: Manage Purchase

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “Add purchase” command | Display “Add Purchase” GUI |
| Specify purchase info | Display the customer, product, date, and pricing details as the IDs and quantity are specified |
| Confirm new purchase | Alert shows successful add along with a receipt, GUI disappears, specified purchase is added to the database |

Postconditions: The system will be back to the home screen, and the new purchase will be in the database.

Home Screen (Customer):

Change User Info

View Purchase History

Make a Purchase

Add Purchase Screen:

Purchase ID:

Date

Customer ID:

Product ID:

Quantity:

Confirm

Pricing Info Here

User Story #9: As a user, I want to view my purchase history from the system.

Use Case Name: Individual Purchase History

Actors: Customer

Goal: View all of a customer’s purchases in the store’s database

Preconditions: User has the software up and running at the home screen

Summary: The user will click the view purchase history button on the main menu. A new screen will appear will a grid for each of the user’s purchase showing the purchaseID, customerID, productid, product name, and total sale cost.

Related Use Cases: Add Purchase

Steps:

|  |  |
| --- | --- |
| Actor Actions | System responses |
| Choose “View Purchase History” command | Display “Purchase history” GUI |
|  | A grid of the user’s purchases and their info is displayed for the user |

Postconditions: The system will be back to the home screen once the purchase history screen is closed.

Home Screen (Customer): See above

View Purchases Screen:

Total

Product Name

ProductID

CustomerID

PurchaseID