1. Use case and UI Design

The stories are:

- As a user, I want to change my password and/or full name.  
- As an admin, I want to add a new user into the system.  
- As an admin, I want to update the type/class of a user into the system (e.g., from cashier to manager).  
- As a manager, I want to add a new product or update a current product in the system.  
- As a manager, I want to view a summary report of sales from the system.  
- As a cashier, I want to add a new customer or update a current customer in the system.  
- As a cashier, I want to add a new purchase or update a current purchase (only price and quantity) in the system.  
- As a customer, I want to add a new purchase into the system.  
- As a customer, I want to view my purchase history into the system.  
- As a customer, I want to search for product information (based on name, price) in the system.

For each story, there are 1 use cases.

**\*For story one, the use cases are:**

- As a user, I want to change my password

Name: Change password.

B. Actors: each user

C. Goals: change the password.

D. Preconditions: None.

E. Summary: help user change their password.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click change password |
| 3. input your password. | 4. “change sucessfully” prompted. |

G. Postconditions: the new product will be added into the system and then back to main screen.

- As a admin, I want to add a user

Name: add user.

B. Actors: admin

C. Goals: add new user.

D. Preconditions: log in.

E. Summary: help admin add user.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click add new user and fill the blank |
|  | 3. “add successfully” prompted. |

G. Postconditions: the new user will be added into the system and then back to main screen.

- As a admin, I want to update user’s type

Name: Change type.

B. Actors: admin

C. Goals: change the type of user.

D. Preconditions: log in.

E. Summary: help admin change their type .

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click change type |
|  | 4. “change sucessfully” prompted. |

G. Postconditions: the type of that user will change.

- As a manager, I want to add a product

Name: add product.

B. Actors: Manager.

C. Goals: add a new product.

D. Preconditions: log in.

E. Summary: help Manager add new product.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click add new product |
|  | 3. “save sucessfully” prompted. |

G. Postconditions: the new product will be added into the system and then back to main screen.

- As a Manager, I want to view the summary

Name: View the summary.

B. Actors: Manager.

C. Goals: view summary.

D. Preconditions: log in.

E. Summary: help Manager view their report.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click view report |

G. Postconditions: None

- As a cashier, I want to add a new customer

Name: add new customer.

B. Actors: cashier

C. Goals: add a new customer.

D. Preconditions: None.

E. Summary: help cashier add a new customer.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click new customer |
| 3. | 4. “add successfully” prompted. |

G. Postconditions: None

- As a cashier, I want to add a new purchase

Name: add new purchase.

B. Actors: cashier.

C. Goals: add new purchase.

D. Preconditions: None.

E. Summary: help cashier add a new purchase.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click add purchase |
|  | 4. “add sccuccesfully” prompted. |

G. Postconditions: None

- As a Customer, I want to add a new purchase

Name: add a new purchase.

B. Actors: Customer

C. Goals: add a new purchase.

D. Preconditions: log in.

E. Summary: help customer add new purchase.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click add new purchase |
|  | 4. “add sucessfully” prompted. |

G. Postconditions: None

- As a Customer, I want to view my history

Name: view history.

B. Actors: Customer

C. Goals: view the history.

D. Preconditions: log in.

E. Summary: help customer view history.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. click view history |

G. Postconditions: None

- As a customer, I want to search for my product information

Name: search product information.

B. Actors: Customer

C. Goals: search product information.

D. Preconditions: log in.

E. Summary: help customer view the product information.

F. Steps:

|  |  |
| --- | --- |
| Actor | System |
| 1. log in | 2. type the name and search. |

G. Postconditions: None