

1. Description

The use case is to describe how to use the POS system.

2. Actors

- i. The system Users

3. Preconditions

- i. User will need credentials to log in.
 - i. If user doesn't have the login credentials, then they can make one with the admin's permission
- ii. The connection to the database will open as soon as the user runs the application and the result will be shown on the top left corner of the window.

4. Basic Flow of Events (Invariants)

- i. The user will log in to their respective accounts.
- ii. They can search in the item using the textbox on the top(center).
- iii. After scanning the barcode and pressing search button they will be able to see the item and the price on the list box.
- iv. To delete the item from cart, user can select the item could hit the delete button on the interface below search button.
- v. To checkout, user can hit the checkout button which will populate the total money.
- vi. After receiving the money from costumer user can type in the received money in the textbox and hit pay.
- vii. The result would be the change remaining.
- viii. User can add, delete and save inventory by clicking on inventory button (which will redirect them to inventory form).
- ix. User can exit out of every form or windows by pressing exit button.
- x. If the POS user wants to logout from the system, they could do so by simply logging out.

5. Post-Condition

- i. Once the user hit close or exit button the program will flush out all the connection by updating them.