Project3 Use Cases

Use Case Number: 1

Use Case Name: System Administrator login

Success Description:

1. The user begins at login screen

2. The user inputs the System Administrator Username and Password

3. The GUI switches to the System Administrator panel

4. The user had a successful System Administrator Login attempt

Exception:

2a. The user inputs invalid username and or login

Use Case Number: 2

Use Case Name: Create Accounts

Success Description:

1. Assumption the user had a successful System Administrator login

2. The user initiates create an account for each type of user (office manager, warehouse manager, and sales associate)

3. The user will input the necessary data for the type of account they selected (username, password, phone number, and email)

Exception:

3a. The user tries to input duplicate data (error need different data per user)

Use Case Number: 3

Use Case Name: Special Create Account sales associate

Success Description:

1. Assumption the user had a successful System Administrator login

2. The user selected to create a sale associate

3. The user ensures they link a unique sales van per each unique employee

Exception:

3a. The sales van you tried linking to this employee is already linked to a separate employee (ask for new sales van name)

Use Case Number: 4

Use Case Name: Editing Accounts

Success Description:

1. Assumption the user had a successful System Administrator login

2. The user initiates deleting an existing account

3. The user selects the user to be deleted

4. The user-selected account is deleted

5. The user initiates resetting the password on different account

6. The user is able to reset the password successfully

Exception:

3a. The user selected account is already deleted or not found

5a. The user selected account is not found

Use Case Number: 5

Use Case Name: Login

Success Description: Ensure you are able to login properly to Office Manager, Warehouse Manager, and Sales Associate with the correct username and password. Ensure that the GUI switches to the correct panel based on what account you logged in as.

1. Assumption the account data is already inputted for each account

2. The user will input the correct username and password for each account

3. The GUI switches to the correct panel based on which account type you inputted for

4. The user had a successful login for each account type

Exception:

2a. The user inputted the incorrect login information, prompt for user to reenter information

3a. The GUI does not switch to the correct panel

Use Case Number: 6

Use Case Name: Examine part Office Manager (Warehouse Manager has same capability)

Success Description:

1. Assumption the user had a successful Office Manager login

2. The user initiates examine part

3. The user inputs all choices of viewing parts (part name, part number, or “>,=,<” user inputted quantity)

4. The user had a successful outputted of parts in the GUI for each given viewing parameters

Exception:

3a. The user inputted incorrect data within the choices (prompt user for valid data)

4a. The wrong parts are outputted within the GUI, rework code to fix

Use Case Number: 7

Use Case Name: Order parts Office Manager

Success Description:

1. Assumption the user had a successful Office Manager login

2. The user initiates order parts

3. The user inputs the minimum supply quantities for each part

4. The user receives a pop-up notification when a part falls below the minimum supply

5. The user knows what parts need to be ordered due to notification

Exception:

3a. The user inputted a minimum quantity higher then the beginning quantity (notify user and ask if this is correct)

4a. The user is never notified of parts falling below the minimum supply, notify developers to fix

Use Case Number: 8

Use Case Name: Query Inventory Office Manager

Success Description:

1. Assumption the user had a successful Office Manager login

2. The user initiates query inventory

3. The user ensures the GUI outputs all parts lower or close (user inputs what qualifies as close) to their minimum supply

5. The user knows what parts and quantity of each that needs to be ordered to fulfill the minimum supplies

6. The user inputs the quantity of each part in the list they need to order

Exception:

3a. The GUI displays the wrong parts or not all of them correctly, notify developers to fix

3b. The user inputs a invalid input for what qualifies as close, re-prompt user for valid input

6a. The user doesn’t order enough parts of some or all of the parts in the list, re-prompt user for valid part quantities to satisfy the minimum for each

Use Case Number: 9

Use Case Name: Sales commission Office Manager

Success Description:

1. Assumption the user had a successful Office Manager login

2. The user initiates sales commission

3. The user selects a sales associate and a start/end date to pull sales invoices from

5. The user clicks calculate a paycheck is generated for sales between those days

6. The GUI outputs the paycheck with the total being 15% of total sales of that period for that associate

Exception:

3a. The user inputs invalid start/end dates to pull sales invoices from, re-prompt user for valid input

3b. The sales invoices in the start/end period are corrupted or have errors, prompt user to look at each sales invoice for that employee

6a. The GUI outputs the wrong total, notify developers to fix

Use Case Number: 10

Use Case Name: Update inventory Warehouse Manager

Success Description: Once logged into Warehouse Manager input the inventory file you want to read and ensure that the inventory for the main warehouse is updated; the new parts are added, existing parts attributes are updated, and that “ALL” warehouses with their corresponding parts price attributes are also updated. (Project 2)

1. Assumption the user had a successful Warehouse Manager login

2. The user initiates reading file-in

3. The user selects a sales associate and a start/end date to pull sales invoices from

5. The user clicks calculate a paycheck is generated for sales between those days

6. The GUI outputs the paycheck with the total being 15% of total sales of that period for that associate

Exception:

3a. The user inputs invalid start/end dates to pull sales invoices from, re-prompt user for valid input

3b. The sales invoices in the start/end period are corrupted or have errors, prompt user to look at each sales invoice for that employee

6a. The GUI outputs the wrong total, notify developers to fix

Use Case Number: 11

Use Case Name: Delivery files Sales Associate

Success Description: Once logged into Sales Associate input the delivery file name you want to read and ensure that the correct parts are moved from and to the correct warehouses and the quantities (decremented/incremented) were updated correctly per warehouse.

Use Case Number: 12

Use Case Name: Sales Invoice Sales Associate

Success Description: Once logged into Sales Associate select sales invoice and fill in the required information; shop to receive parts name, parts to be sold, and quantity sold of each part. Click create and ensure a sales invoice is created with the shop names and date sold at the top, followed by a list of the parts sold (part name, part number, sale price or list price, quantity) and at the bottom the total cost of all the parts. (These are used by Office Manager to calculate paychecks per sales associate)

Use Case Number: 13

Use Case Name: GUI aesthetic check

Success Description:

1. The user checks every panel in the GUI for any spelling or grammatical errors

Exception:

1a. The GUI has errors, rework code to fix