OMP 3700-001 Course Project - Iteration 2 - Use-Case Analysis

1. As a user (cashier or manager), I want to log in the system

Title: Logging in

Actors: Manager/Cashier

Actor Action	System Response
1. Open Application	2. Load main screen
	3. Display login interface
3. Input username	6. Run login information through login
4. Input password	database
5. Click login button OR press [ENTER]	7a. IF LOGIN CORRECT: (Continue to 8)
	7b. IF LOGIN INCORRECT: Display dialogue
	screen with message (e.g. "Username/
	Password was incorrect") & return to login
	screen (3)
	8. Hide Login Screen and display Manager
	Employee Screen version if login is identified
	as a manager and the Cashier Employee
	Screen version is login is identified as a
	cashier

2. As a user, I want to change my login password

Title: Changing login password **Actor**: Manager/Cashier

Actor Action	Custom Decrease
Actor Action	System Response
	1. Employee Screen is displayed
2. Click "Edit Profile" button	3. Display Profile Screen
4. Click "Change Password"	5. Display Password Confirmation Screen
6. Inputs old password	7. Runs input through login database
	8a. IF LOGIN CORRECT: (Continues to 9)
	8b. IF LOGIN INCORRECT: Display dialogue
	screen with message (e.g. "Password was
	incorrect") & return to Profile Screen (3)
	9. Display Password Change Screen
10. Input new desired password and	11. Check if inputted new password matches
password confirmation	the password confirmation.
	12a. IF CHECK SUCCESSFUL: (Continue to 13)
	12b. IF CHECK FAILS: Display dialogue screen
	with message (e.g. "Confirmation does not
	match password") & return to Password
	Change Screen (9)
	13. Update user information in database with
	new, desired password

	14. Display dialogue screen with message
	(e.g. "Password change successful")
15. Click "OK"	16. Return to Profile Screen (3)

3. As a user, I want to change my display/profile photo

Title: Changing display/profile photo

Actor: Manager/Cashier

Actor Action	System Response
	1. Employee Screen is displayed
2. Click "Edit Profile" button	3. Display Profile Screen
4. Click "Change Photo"	5. Display Photo Upload Screen
6. Input desired photo file	7. Check if inputted file is a valid photo file
	8a. IF FILE IS VALID: (Continue to 9)
	8b. IF FILE ISN'T VALID: Display dialogue
	screen with message (e.g. "File is not valid")
	& return to Photo Upload Screen (5)
	9. Update user information in database with
	the new photo
	10. Display dialogue screen with message
	(e.g. "Profile photo change successful")
15. Click "OK"	16. Return to Profile Screen (3)

4. As a cashier, I want to check out an order

Title: Checking out an order

Actor: Cashier

Actor: Casiner	
Actor Action	System Response
1. Cashier logs in	2. Cashier version of Employee Screen is
	displayed
3. Clicks "Checkout" button	4. Displays blank Checkout Screen
5. Inputs products and the quantities desire	6. Display product information, calculating
to add to order	cost based on the quantities & the current
	total cost.
7. Repeat (5-6) until satisfied, clicks	8. Checks database if inputted products and
"Checkout" button	quantities are valid.
	9a. IF NO DATABASE ERROR: (Continue to 10)
	9b. IF DATABASE ERROR (e.g. negative
	products in stock): Display error message and
	return to previous Checkout Screen (5-7)
	10. Updates database with new product
	quantities
	11. Prints order receipt
	12. Returns to blank Checkout Screen (4)

5. As a manager, I want to add a new product into the system's database

Title: Adding a product to the system database

Actor: Manager

Actor Action	System Response
1. Manager Logs in	2. Manager version of Employee Screen is
	Displayed
3. Clicks "View Database" button	4. Displays Database Screen
5. Clicks "Add Product" button	6. Displays Add Product Window
6. Inputs desired product information	8. Verifies inputted information is valid for a
7. Clicks "Add" button	product
	9a. IF PRODUCT IS VALID: (Continues to 10)
	9b. IF PRODUCT ISN'T VALID: Display error
	message (e.g. "[Element] is not valid") and
	return to previous Add Product Window (6)
	10. Updates database with new product
	information
	11. Returns to Database Screen (4)

6. As a manager, I want to update a current product in the system's database

Title: Update a (current) product in the system database

Actor: Manager

Actor: Manager	
Actor Action	System Response
1. Manager logs in	2. Manager Employee Screen is displayed
3. Clicks "View Database" button	4. Displays Database Screen
5. Clicks "Update Product" button	6. Displays Update Product Window
6. Selects desired product information to update 7. Clicks "Update" button	8. Verifies inputted information is valid for a product 9a. IF PRODUCT IS VALID: (Continues to 10) 9b. IF PRODUCT ISN'T VALID: Display error message (e.g. "[Element] is not valid") and return to previous Update Product Window (6) 10. Updates database with new product information 11. Returns to Database Screen (4)

7. As a manager, I want to create a new user, assign role (e.g. manager or cashier), generate a default password for a new user

Title: Create a new user

Actor: Manager

Actor Action	System Response
1. Manager Logs in	2. Manager Employee Screen is displayed
3. Clicks "Create new user" button	4. Displayers New User Screen

5. Inputs new user information (username,	6. Verifies inputted information is valid for an
name, role, etc.)	employee
	7a. IF INFORMATION IS VALID: (Continues to
	8)
	7b. IF INFORMATION ISN'T VALID: Display
	error message (e.g. "[Element] is not valid")
	and return to previous New User Window (5)
	8. Display a confirmation screen
9. Click "Confirm" button	10. Updates database with new employee
	information, set new user password to a
	default (e.g. 'Password123') and assign a
	default profile photo
	11. Returns to Manager Employee Screen (2)

8. As a manager, I want to view and sort the business report: e.g., what products are sold, how many units, how much revenue...

Title: View the business report

Actor: Manager

Actor Action	System Response
1. Manager logs in	2. Manager Employee Screen is displayed
3. Clicks "Business Report" button	4. Analyzes database, pulls desired
	information and displays it to a table on a
	Report Screen
5. May select a sort option	6a. IF SORT OPTION SELECTED: rearranges
	displayed information depending on the
	category shown.
7. Clicks "Close report" button	8. Returns to Manager Employee Screen (2)

Use Case 1



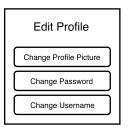


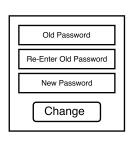




Use Case 2







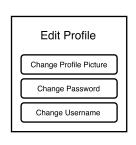


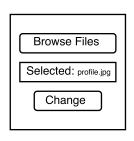


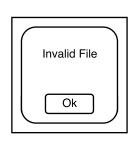
Password Changed Successfully

Use Case 3











Use Case 4







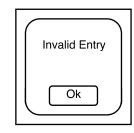


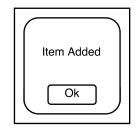
Use Case 5











Use Case 6







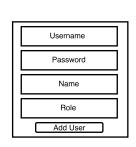






Use Case 7









Use Case 8





