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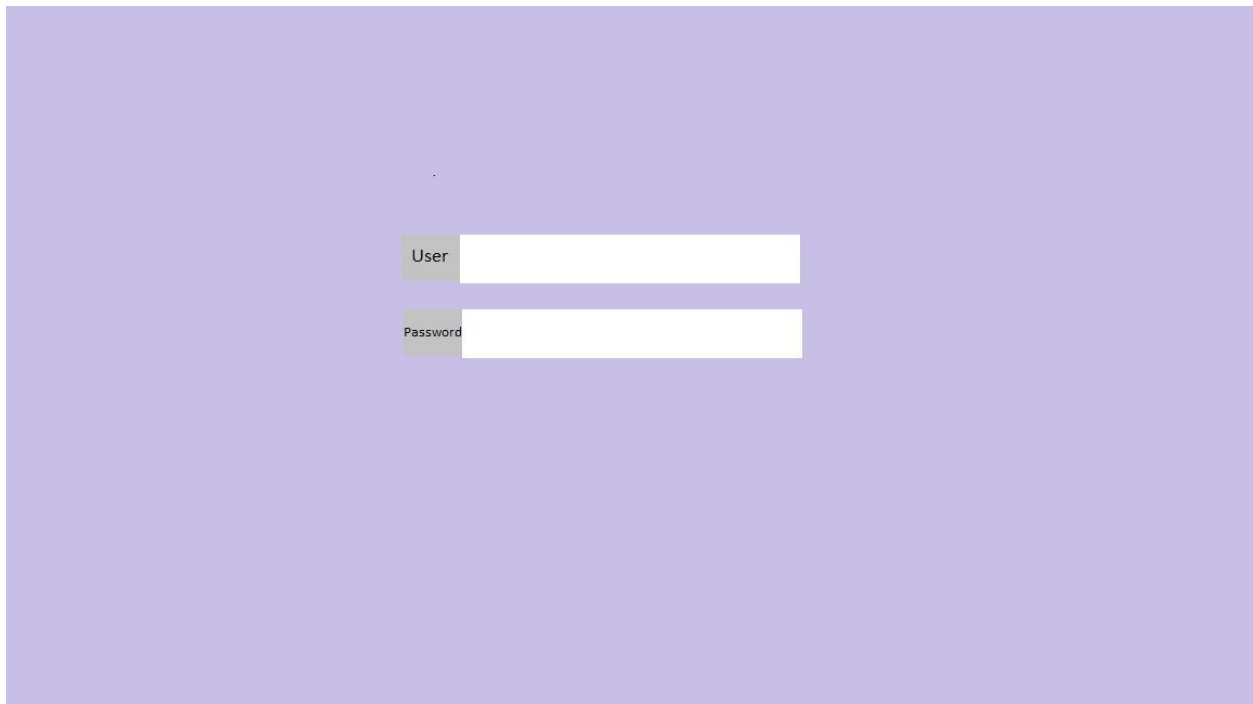
Course Project - Iteration 2 - Use Case Analysis

Here are the user stories you want to support in Iteration 2:

Task: Write or revise a detailed use case for each user story. At each step, you should provide a prototyped screen sketching how the system might look and work.

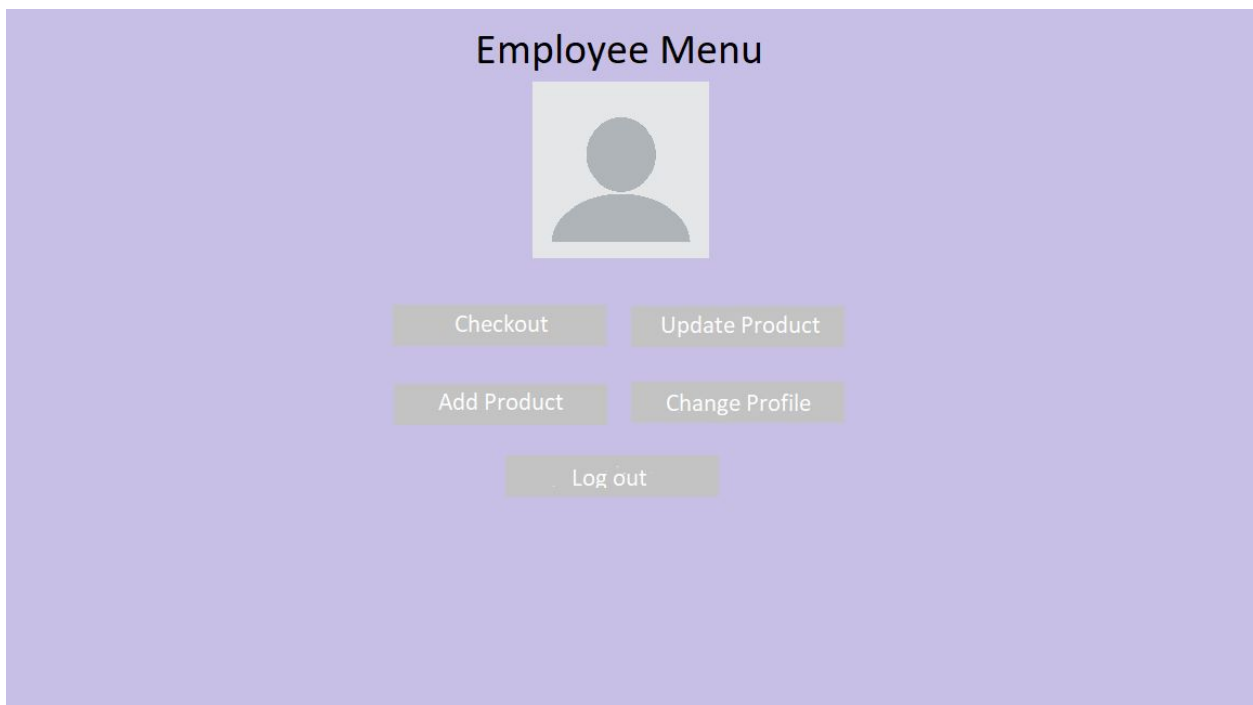
## Menu Sketches

### A. Login Menu



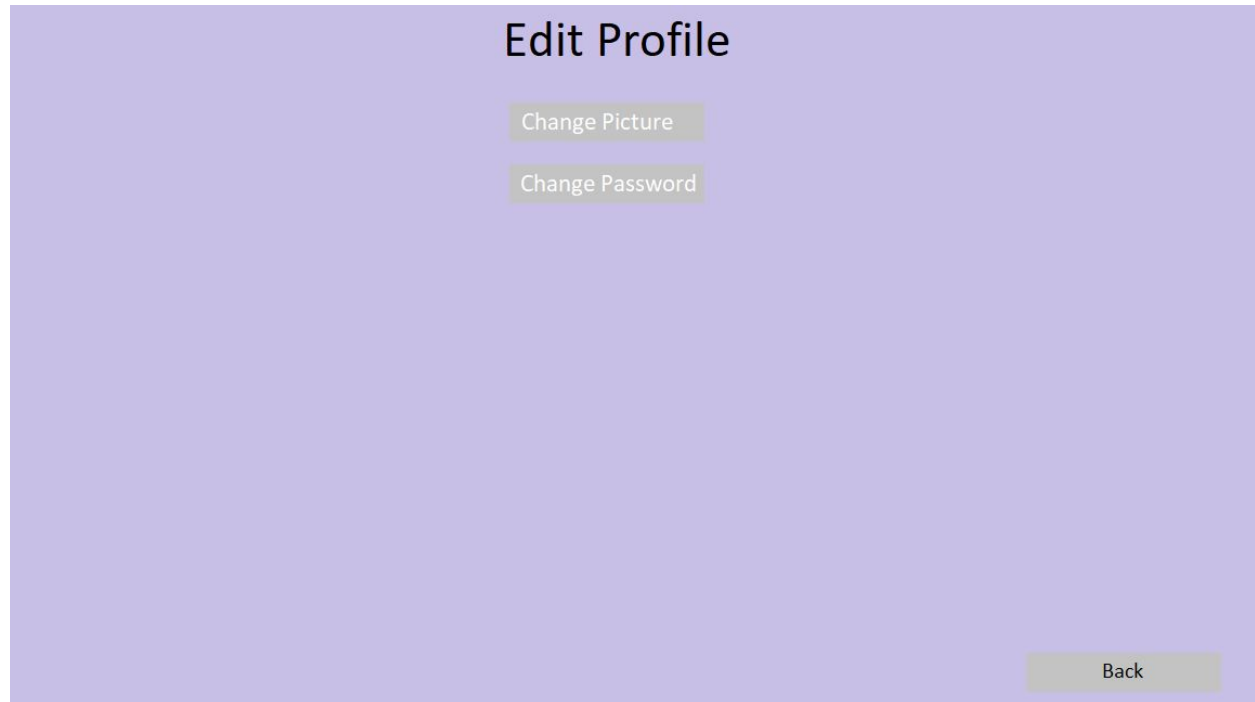
A sketch of a login menu on a light purple background. It features two input fields: the top one is labeled "User" and the bottom one is labeled "Password". Both labels are in a small grey box to the left of the white input fields. Below the password field is a small, faint "Forgot Password" link.

### B. Employees Menu



A sketch of an employees menu on a light purple background. At the top, the title "Employee Menu" is centered. Below it is a grey square icon representing a person. Underneath the icon are five buttons arranged in three rows: "Checkout" and "Update Product" in the first row, "Add Product" and "Change Profile" in the second row, and "Log out" centered in the third row. All buttons are grey with white text.

### C. Profile Menu



The 'Edit Profile' screen has a light purple background. At the top center is the title 'Edit Profile' in a large, bold, black font. Below the title are two buttons: 'Change Picture' and 'Change Password', both in a light gray font on a darker gray rectangular background. In the bottom right corner, there is a 'Back' button in a light gray font on a darker gray rectangular background.

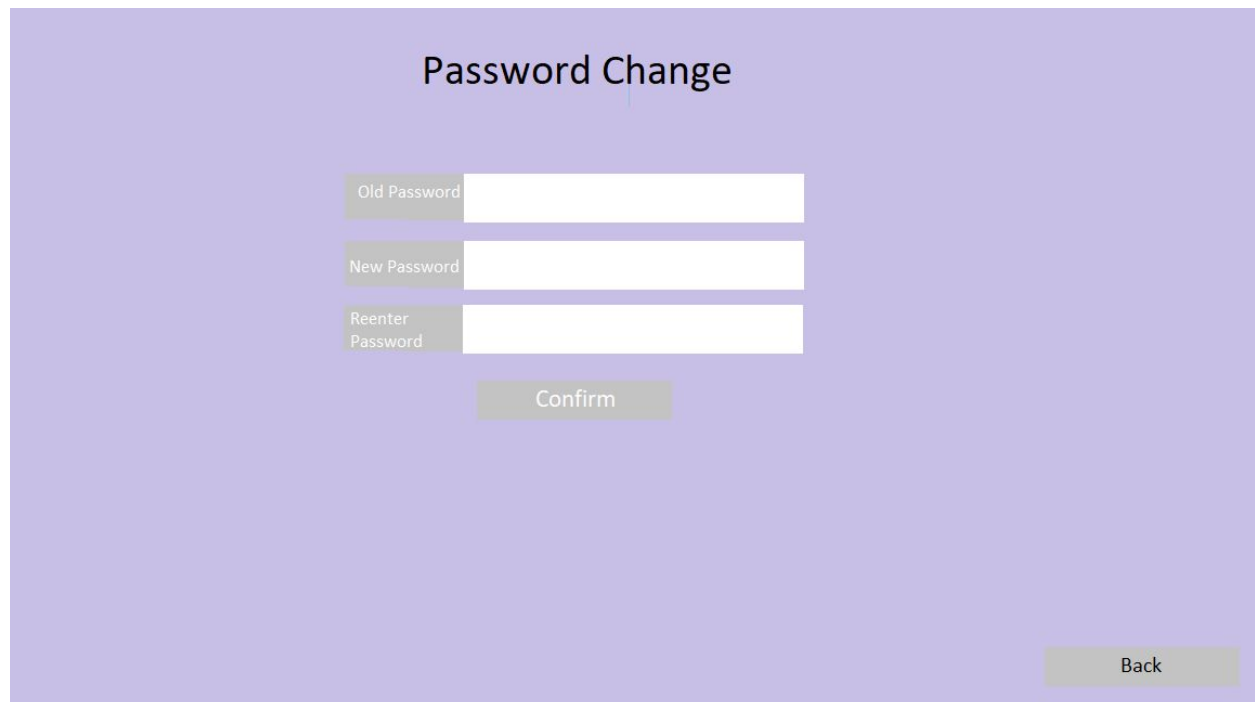
## Edit Profile

Change Picture

Change Password

Back

### D. Password Change Menu



The 'Password Change' screen has a light purple background. At the top center is the title 'Password Change' in a large, bold, black font. Below the title are three input fields, each with a label on the left and a white input box on the right. The labels are 'Old Password', 'New Password', and 'Reenter Password', all in a light gray font. Below the input fields is a 'Confirm' button in a light gray font on a darker gray rectangular background. In the bottom right corner, there is a 'Back' button in a light gray font on a darker gray rectangular background.

## Password Change

Old Password

New Password


Reenter Password

Confirm

Back

### E. Photo Change Menu

## Picture Menu



Upload Photo

Confirm

Back

### F. Checkout Menu

## Checkout

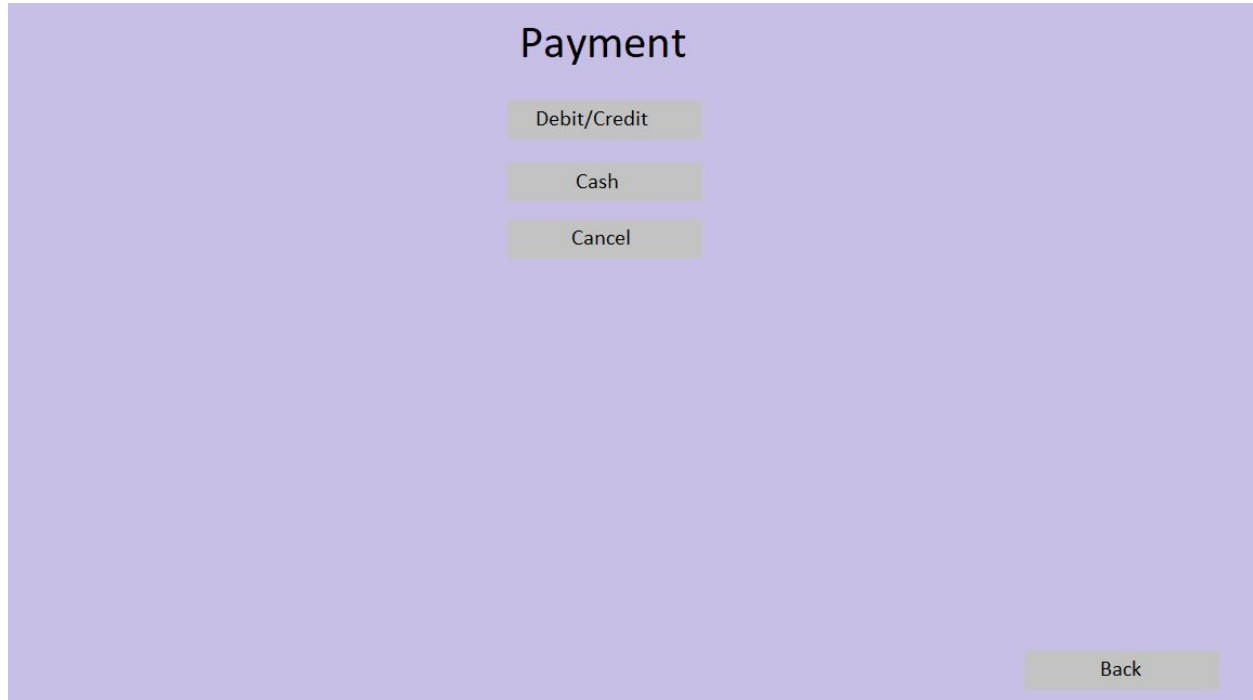
Price	Item

Total:

Finish

Back

## G. Payment menu



The Payment menu screen has a light purple background. At the top center is the title "Payment" in a large, bold, black font. Below the title are three buttons stacked vertically: "Debit/Credit", "Cash", and "Cancel". These buttons are light gray with rounded corners. In the bottom right corner, there is a "Back" button, also light gray with rounded corners.

Payment

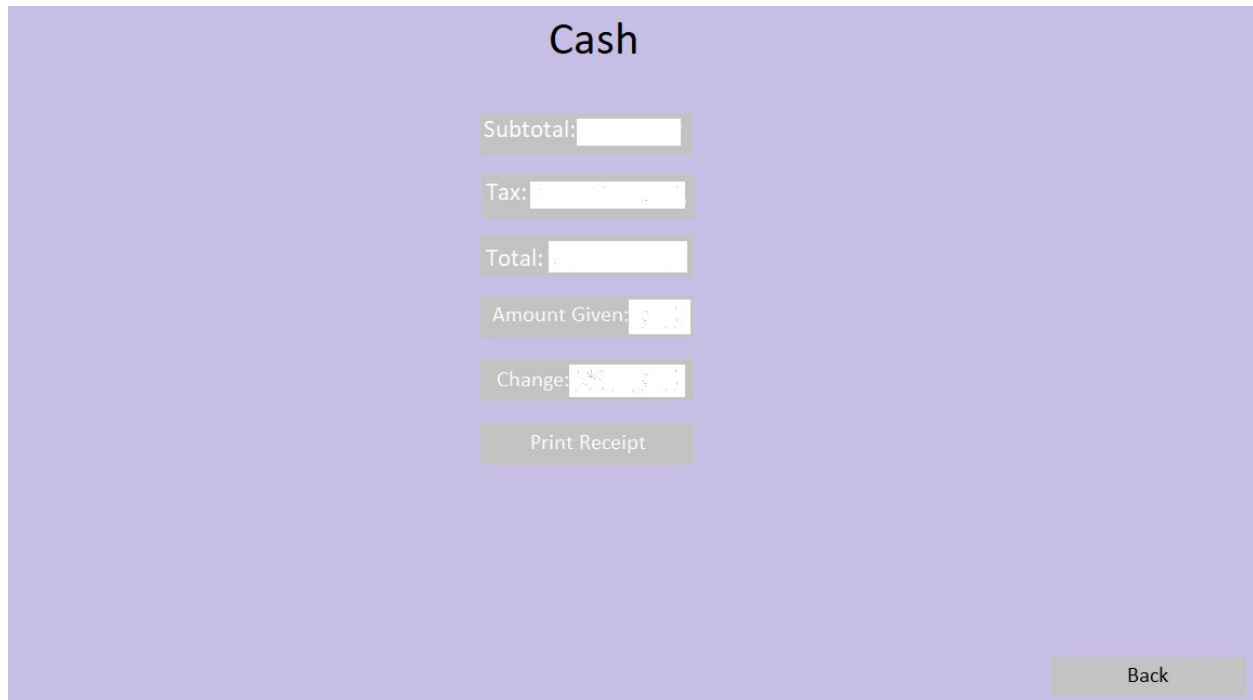
Debit/Credit

Cash

Cancel

Back

## H. Cash Payment menu



The Cash Payment menu screen has a light purple background. At the top center is the title "Cash" in a large, bold, black font. Below the title are five input fields stacked vertically, each with a label and a text box: "Subtotal:", "Tax:", "Total:", "Amount Given:", and "Change:". The text boxes are white with a light gray border. Below these input fields is a "Print Receipt" button, which is light gray with rounded corners. In the bottom right corner, there is a "Back" button, also light gray with rounded corners.

Cash

Subtotal:

Tax:

Total:

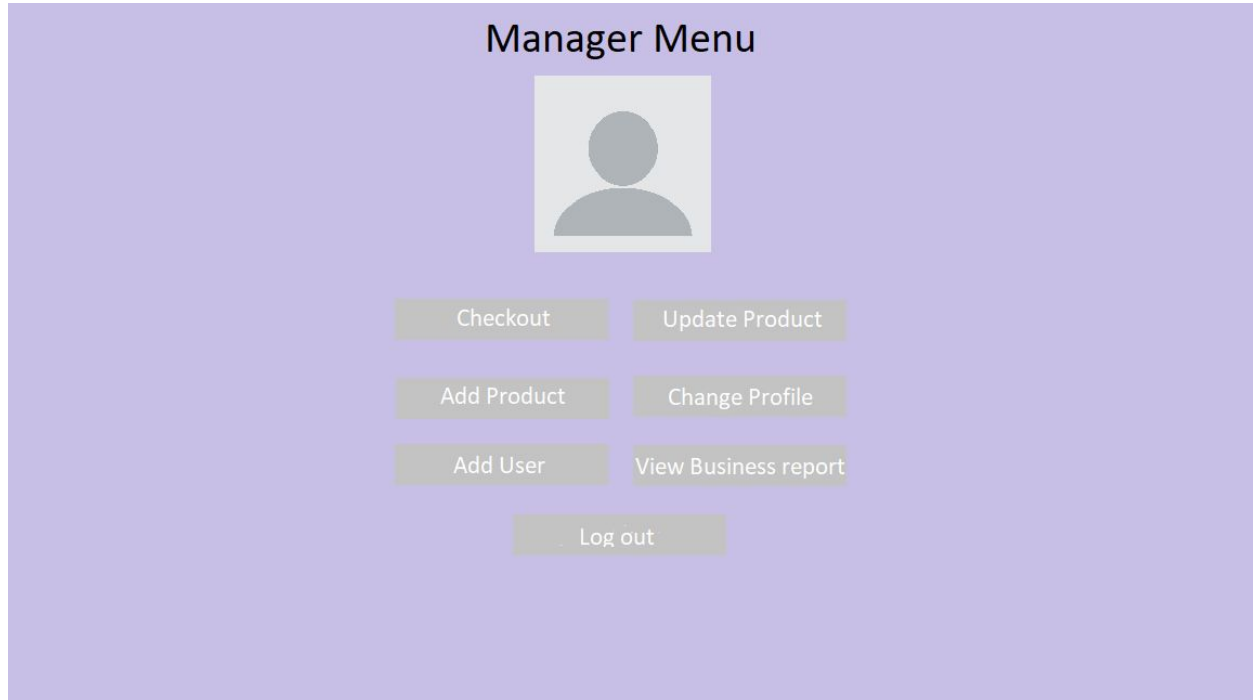
Amount Given:

Change:

Print Receipt


Back

## I. Manager Menu



The Manager Menu interface features a purple background. At the top center is the title "Manager Menu". Below the title is a square placeholder for a user profile picture, showing a grey silhouette of a person. Underneath the profile picture are seven buttons arranged in three rows: "Checkout" and "Update Product" in the first row; "Add Product" and "Change Profile" in the second row; and "Add User" and "View Business report" in the third row. A single "Log out" button is centered at the bottom of the menu area.

Manager Menu



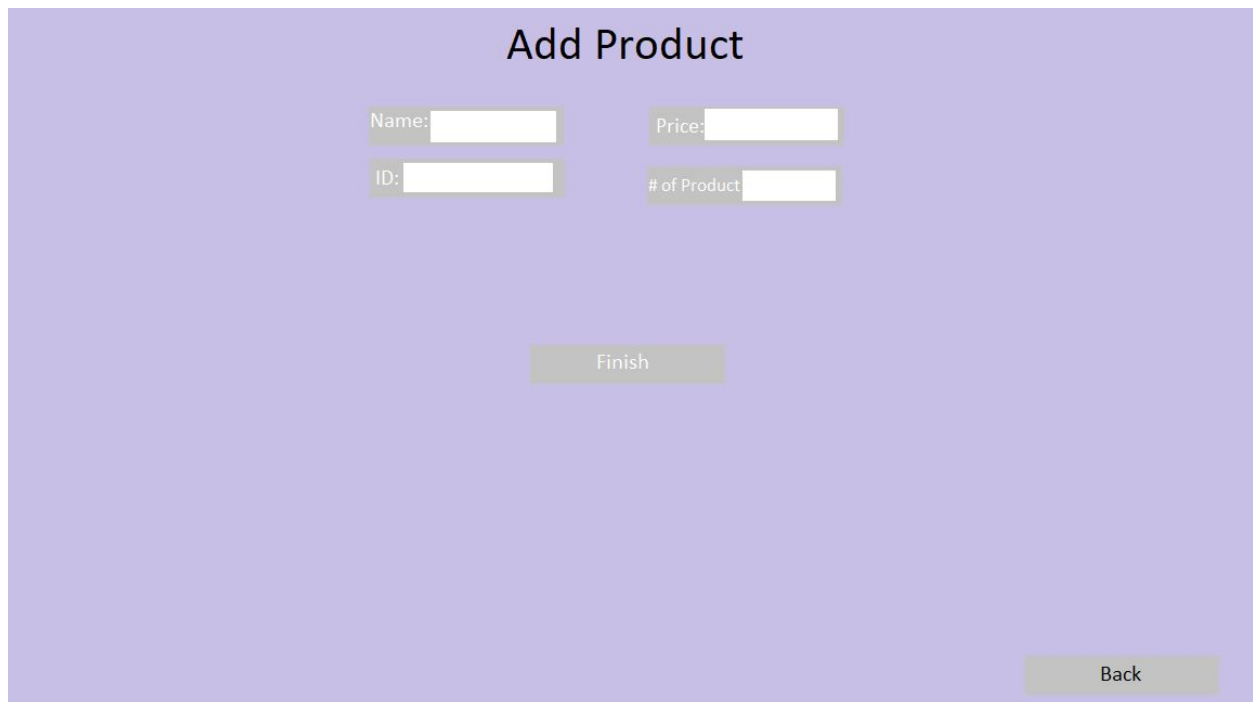
Checkout Update Product

Add Product Change Profile

Add User View Business report

Log out

## J. Add Product Menu



The Add Product interface has a purple background. The title "Add Product" is centered at the top. Below the title are four input fields arranged in two rows: "Name:" and "Price:" in the first row, and "ID:" and "# of Product" in the second row. Each label is followed by a white rectangular input box. At the bottom center is a "Finish" button. In the bottom right corner is a "Back" button.

Add Product

Name:  Price:

ID:  # of Product

Finish

Back

## K. Update Product Menu

### Update Product

ID:

Price:

# of Product

Name:

Finish

Back

## L. Add User Menu

### Add User

Name:

Role 

Manager  
Cashier

Finish

Back

## M. Business Report Menu

Business Report				
click to sort				
Item ID	Units Sold	Price	Revenue	
1	5	\$200.00	\$1000.00	
6	20	\$20.00	\$400.00	
Total: \$1400.00				

Print

Finish

Back



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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters login credentials in to machine	credentials are verified and system displays employee menu	B

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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters login credentials in to machine	credentials are verified and system displays employee menu	B
User selects change profile button	System display profile menu	C
User selects change password button	System displays change profile menu	D
User enters old and new password and hits confirm	System changes password and brings user back to profile menu	C

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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters login credentials in to machine	credentials are verified and system displays employee menu	B
User selects change profile button	System display profile menu	C
User selects change picture button	System displays change picture menu	E
User selects upload picture button	System opens windows file explorer	
User selects a picture	System displays picture in picture menu	E
User selects confirm button	System saves picture and returns to profile menu	C

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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters login credentials in to machine	credentials are verified and system displays employee menu	B
User selects checkout	System displays checkout menu	F

User scans products	System adds products to list of items being bought and displays list	F
Users selects finished button	System calculates total and prompts user for payment type	G
User selects cash	System prompts user for amount given	H
User enters amount given by customer	System calculates change	H
User gives customer change and hits finished	System updates Excel spreadsheet with data from transaction	H

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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters credentials	System logs in user to Manager menu	I
User selects new product	System loads new product page	J
User chooses to enter information manually and confirms	System adds information to database	J

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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters credentials	System logs in user to Manager menu	I
User selects update product button	System loads update product menu	k
User chooses to enter information manually and confirms	System updates information in database	K

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

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters credentials	System logs in user to Manager menu	I
User selects add user	System displays add user menu	L

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...

User	System	Menu Sketch
User turns on machine	System displays login screen	A
User enters credentials	System logs in user to Manager menu	I
User selects view business report	System displays business report menu	M