



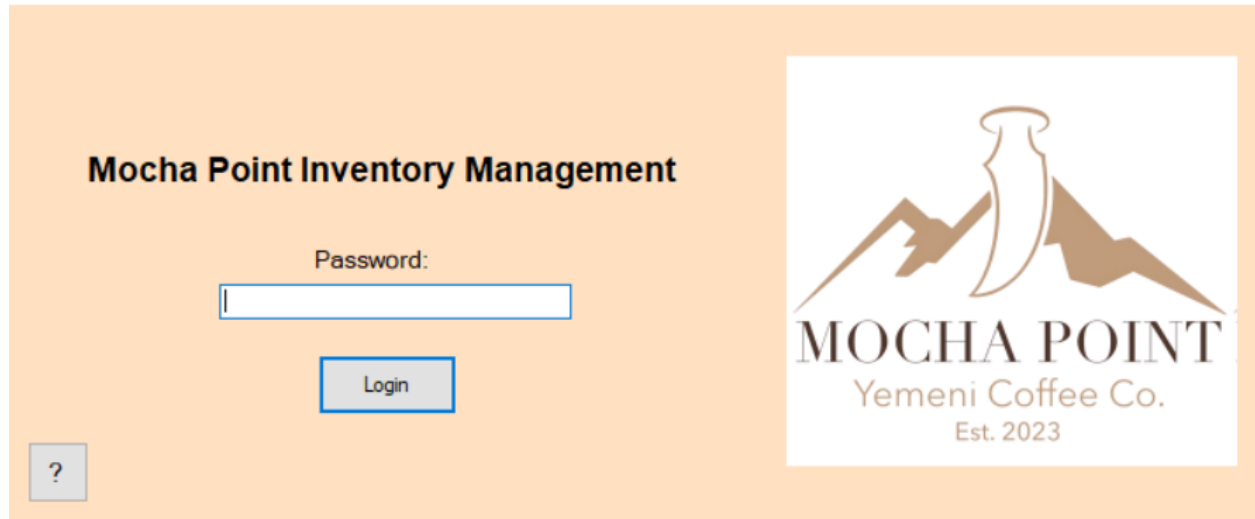
Design Specifications

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Table of Contents

Login Screen	3
Main Menu	4
Current Inventory	5
App Settings	6
Manual Entry	7
Import From CSV	8
Notification History	9
Ingredient Management	10
Drink Settings	11
Unit Conversion Calculator	12

Login Screen



The login screen has an orange background. On the left, the text "Mocha Point Inventory Management" is displayed in bold. Below it is a "Password:" label, a text input field, and a "Login" button. A small square button with a question mark is at the bottom left. On the right is a logo for "MOCHA POINT Yemeni Coffee Co. Est. 2023" featuring a stylized mountain and coffee bean graphic.

Mocha Point Management is the user

Tasks: Only allow entry from a user with an assigned password. Typing the correct password and pressing login will forward the user to the main menu or manual entry screen depending on intent. An incorrect password will prompt the user to try again.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Main Menu



Tasks: Buttons will either forward the user to the next screen, or exit the program with the associated button.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Current Inventory

Inventory View					
	Ingredient Name	Current Inventory	Unit of Measurement	Notification Threshold	Filter By:
↩	SF Vanilla	1000	oz	50	All
?	Rose	99999999153	oz	0	Low Stock
C	Maple Qamar	99999999640	oz	50	Stock Display:
	Strawberry	99999999912	oz	50	Units
	Mango	99999999942	oz	2000	Containers
	Oat Milk	99999945352	oz	50	
	Whole	99999682114	oz	500	
	Coconut Milk	99999997624	oz	50	
	Honey	0	g	50	
	Cinnamon	99999972576	g	50	
	Vanilla	99999993784	oz	50	
	Hazelnut	99999998858	oz	50	
	Caramel	99999987734	oz	50	
	Cold Foam	99999999980	oz	50	
	Brown Sugar	99999999896	oz	50	
	Pumkin Spice	9850	oz	12	
	Decaf	99999999878	oz	50	
	Whip cream	99999999904	oz	50	
	Creamer	99999999962	oz	50	
	Sugar	99999593935	g	50	
	Heavy Cream	99999999966	oz	50	
	Half&Half	99999999984	oz	50	

Mocha Point Management is the user

Tasks: Display relevant inventory data to the user. Displays ingredient name, current inventory numbers in units or containers, unit of measurement for each ingredient, and the push notification threshold. Users can click the headers to change sorting order.

Back button will return the user to the main menu.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

App Settings

App Settings

Change Password

Current Password

Set New Password

Save New Password

Notification Settings

Select Ingredient

Set Notification Threshold

Units

Mocha Point Management is the user

Tasks: Set new password text field will replace current password value. Save new password button will commit a change. Select ingredient dropbox will allow user to select a saved ingredient, set notification threshold number box will permit user to change notification threshold value and push notifications will trigger at this new value. Back button returns the user to the main menu.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Manual Entry

Manual Inventory Adjustment		
<input type="button" value="↩"/> <input type="button" value="?"/> <input type="button" value="C"/>	Current Inventory Adjustment	
	Adjust Stock	Decrement Drink
	<input type="text"/> Current Inventory <input type="text"/> <input type="button" value="🔍"/> Quantity <input type="text" value="0"/> <input type="button" value="↑"/> <input type="button" value="↓"/> <input type="button" value="+"/> <input type="button" value="-"/>	<input type="text"/> Select Drink <input type="text"/> <input type="button" value="🔍"/> Quantity <input type="text" value="0"/> <input type="button" value="↑"/> <input type="button" value="↓"/>
	<input type="button" value="Update Ingredient"/>	<input type="button" value="Decrement Drink"/>
Set New Stock Level		
Select Ingredient		
<input type="text"/> Current Inventory <input type="text"/> <input type="button" value="🔍"/> Select Inventory Level <input type="text" value="0"/> <input type="button" value="↑"/> <input type="button" value="↓"/>		
<input type="button" value="Set Inventory"/>		

User is Mocha Point Management

Tasks: Allow users to select an ingredient and add/subtract value in the case of uncaptured stock adjustment. If the user would prefer to set a new stock level after assessing inventory, they would do so with the select new quantity dropbox menu.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Import From CSV

Spreadsheet Form

Ingredients Used

	Ingredient	Unit of Measurement	New Inventory Level
▶	SF Vanilla	oz	987
	Rose	oz	9999999124
	Maple Qamar	oz	9999999628
	Strawbery	oz	9999999909
	Mango	oz	9999999940
	Oat Milk	oz	9999943420
	Whole	oz	9999670772
	Coconut Milk	oz	9999997540
	Honey	g	0
	Cinnamon	g	9999972560
	Vanilla	oz	9999993572
	Hazelnut	oz	9999998819
	Caramel	oz	9999987305
	Cold Foam	oz	9999999980
	Brown Sugar	oz	9999999896
	Pumkin Spice	oz	9850

Drinks Sold

Latte 16 Oz: 540 sold

Pistachio Latte: 288 sold

Yemeni Latte 16 Oz: 321 sold

Caramel Macchiato 16 Oz: 322 sold

MochaPoint Latte 16 Oz: 237 sold

Snow Kissed Agave Latte 16 oz: 208 sold

Honey Cardamom Cappuccino: 131 sold

Cappuccino 8 Oz: 106 sold

Mocha Peppermint Latte 16 oz: 61 sold

Americano 12 Oz: 76 sold

Latte 12 Oz: 49 sold

Espresso 2 Oz: 30 sold

Mocha Peppermint Latte 12 oz: 6 sold

Cortado: 1 sold

: 8902 sold

Adeni Chai 12 oz: 395 sold

Adeni Chai 16 oz: 255 sold

Adeni Chai Pot: 132 sold

Mofawar 16 oz: 117 sold

Adeni Chai 20 oz: 73 sold

Yemeni Coffee Beans Harazi: 16 sold

Mofawar 12 oz: 94 sold

Mofawar 20 oz: 43 sold

Sanaani 16 oz: 34 sold

Yemeni Tea 12 oz: 57 sold

Sanaani 12 oz: 40 sold

Mofawar Pot: 8 sold

Yemeni Tea 16 oz: 15 sold

Sanaani 20 oz: 7 sold

Yemeni Tea Pot: 5 sold

Mocha Point Management is the user

Tasks: Upload Clover Spreadsheet button opens file explorer menu where user will upload the Clover exported CSV. The application will take information from the columns, calculate depending on the settings on other menus, and decrement from current inventory. Back button returns the user to the main menu.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Notification History

Notification History					
	Ingredient	Date	Stock at Alert	Threshold	
↩	Honey	2025-04-19 12:38 PM	0	50	Clear Selection
		2025-04-19 12:38 PM	0	1000	
?	Honey	2025-04-19 12:36 PM	0	50	
		2025-04-19 12:36 PM	0	1000	
C	Honey	2025-04-19 11:01 AM	0	50	
		2025-04-19 11:01 AM	0	1000	
	Honey	2025-04-19 11:00 AM	0	50	
		2025-04-19 11:00 AM	0	1000	
	Honey	2025-04-19 10:59 AM	0	50	
		2025-04-19 10:59 AM	0	1000	
	Honey	2025-04-19 10:58 AM	0	50	
		2025-04-19 10:58 AM	0	1000	
	Honey	2025-04-19 10:57 AM	0	50	
		2025-04-19 10:57 AM	0	1000	
	Honey	2025-04-19 10:50 AM	0	50	
		2025-04-19 10:50 AM	0	1000	
	Honey	2025-04-19 10:49 AM	0	50	
		2025-04-19 10:49 AM	0	1000	
	Honey	2025-04-19 10:48 AM	0	50	

User is Mocha Point Management

Tasks: Table will display Ingredient, time notification was triggered, and the stock at time of notification. Purpose is to create a log of notifications for reference - users could miss the notification in the corner of their screen if preoccupied. Back button will return the user to the main menu.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Ingredient Management

Ingredient Management

↩

?

C

Create Ingredient

Ingredient Name

Unit of Measurement

Ingredient Serving

Container Size

Add

Edit Ingredient

Ingredient Name

Unit of Measurement

Ingredient Serving

Container Size

Edit

Modification Ingredient Value

Ingredient Name	Unit	Modification Serving Size	Container Size
1 Shot	unit		0
2% Milk	unit		0
Almond Milk	oz	1	32
Brown Sugar	oz		0
Caramel	oz	1.5	12.7
Cardamon	g		0
Cinnamon	g	1	0
Clove	g		0
Coconut Milk	oz	7	0
Cold Foam	oz		0
Creamer	oz		0
Decaf	oz		0
Ginger	g		0
Half&Half	oz		0
Hazelnut	oz	1.5	12.7
Heavy Cream	oz	1	0
Honey	oz	10	0

Remove Ingredient

User is Mocha Point Management

Tasks: Create ingredient will allow users to create a new ingredient in the system for assignment to drinks on the drink settings page. Edit ingredient will allow the user to select an ingredient with a dropdown menu and set a new portion or unit of measurement. Users can select the ingredient on the table and select remove ingredient to delete an ingredient from the system.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Drink Settings

Drink Settings

Back Arrow, Question Mark, C

Create Drink

Drink Name:

Ingredient:

Serving Size:

Create Drink

Edit Drink

Select Drink:

Ingredient:

Serving Size:

Edit Drink

Remove Drink/Ingredient

Select Drink:

Remove Ingredient

Remove Drink

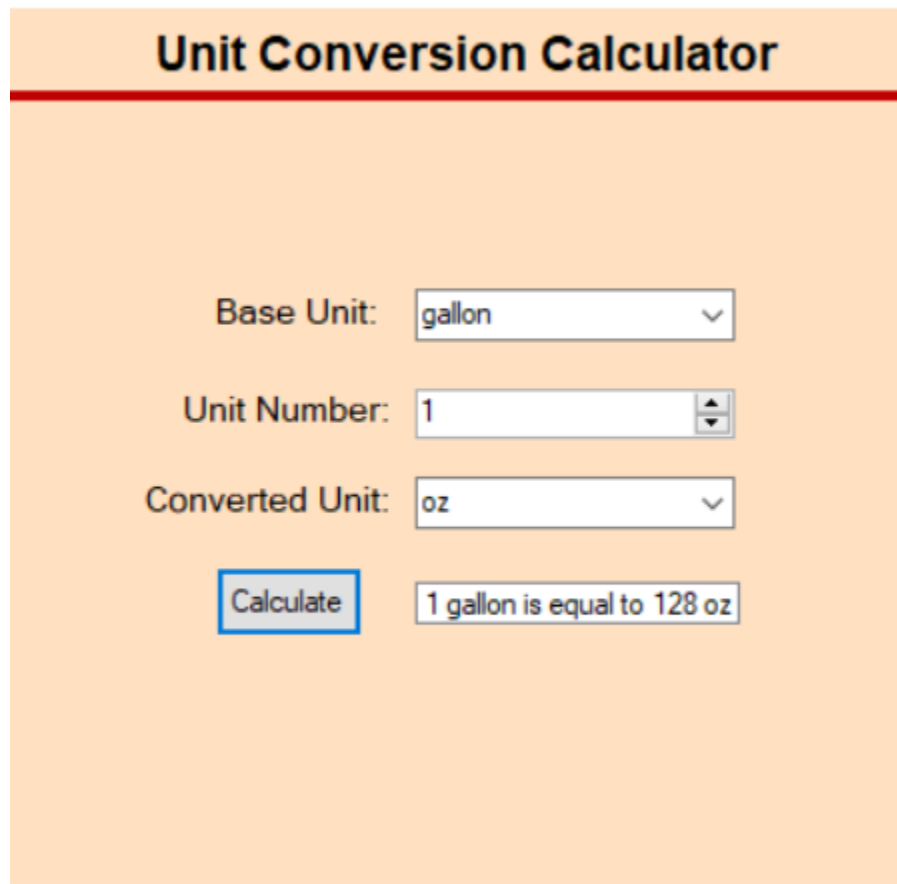
User is Mocha Point Management

Tasks: Allow users to create drinks, add ingredients on the left side of the page. On the right side, users can view/remove ingredients from a drink after selecting one from the dropdown menu, or remove the drink. Back button will return user to main menu

System: Inventory Management Application

Environment: SQLite, C#, Winforms

Calculator



The image shows a software interface titled "Unit Conversion Calculator". It features three input fields: "Base Unit" with a dropdown menu showing "gallon", "Unit Number" with a text box containing "1" and a spinner control, and "Converted Unit" with a dropdown menu showing "oz". Below these fields is a blue "Calculate" button. To the right of the button, a text box displays the result: "1 gallon is equal to 128 oz". The interface has an orange background with a red horizontal line under the title.

User is Mocha Point Management

Tasks: Easy way for the user to convert units of measurement. (ex: converting a gallon of milk into oz for easy inventory management math.

System: Inventory Management Application

Environment: SQLite, C#, Winforms