Design Specifications

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Login Screen

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.

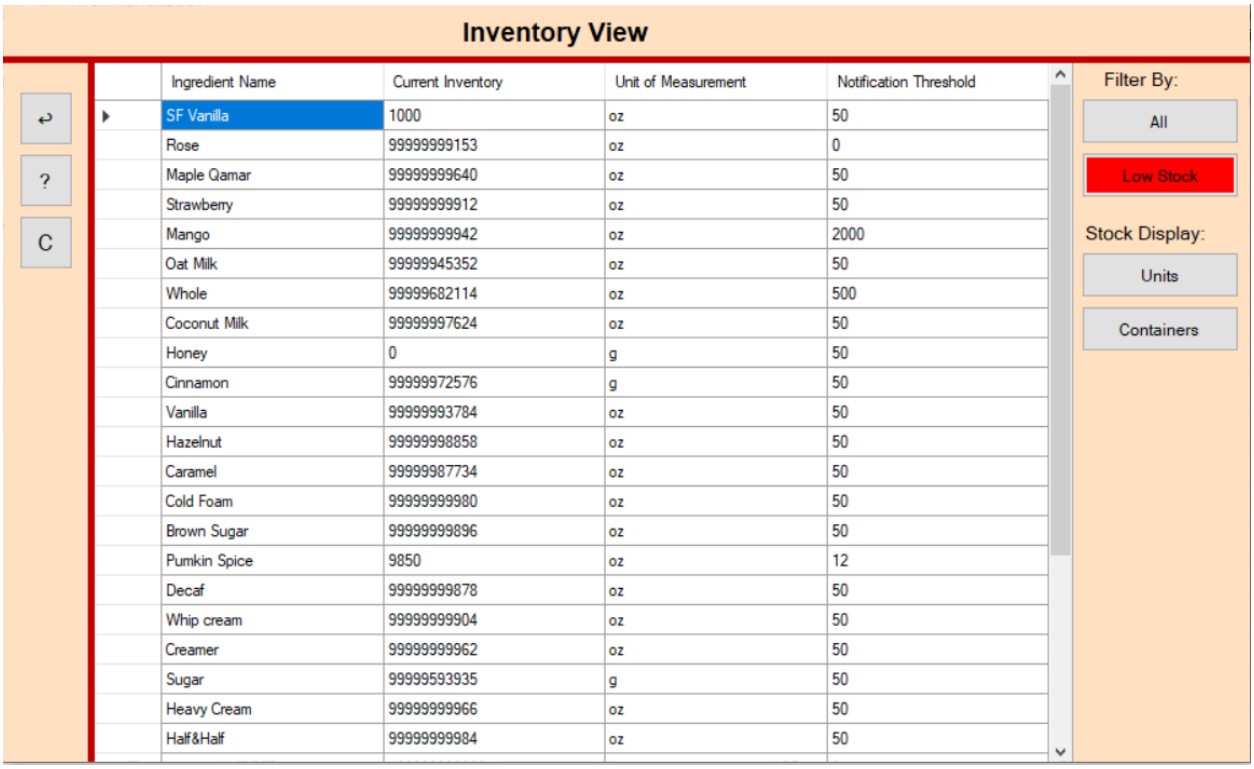
Main Menu

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



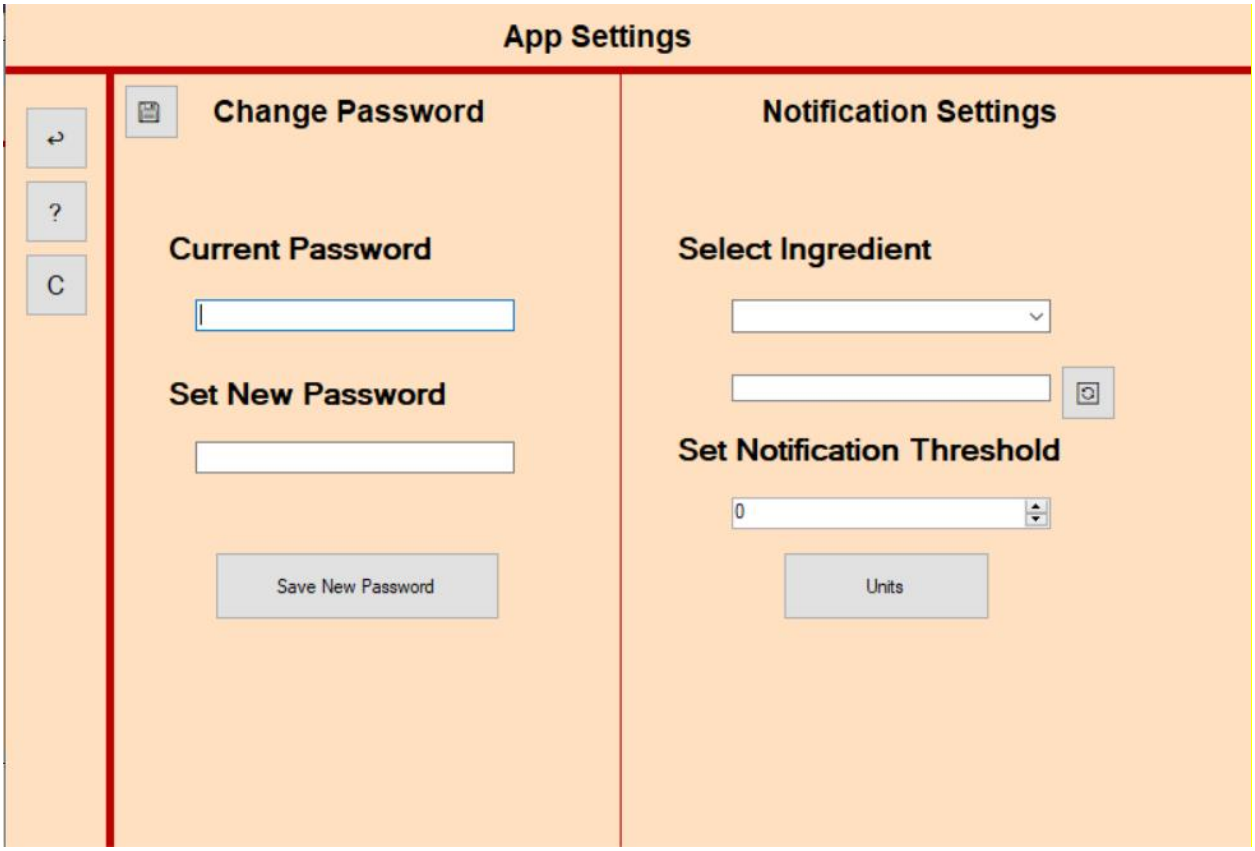
Mocha Point Management is the user

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



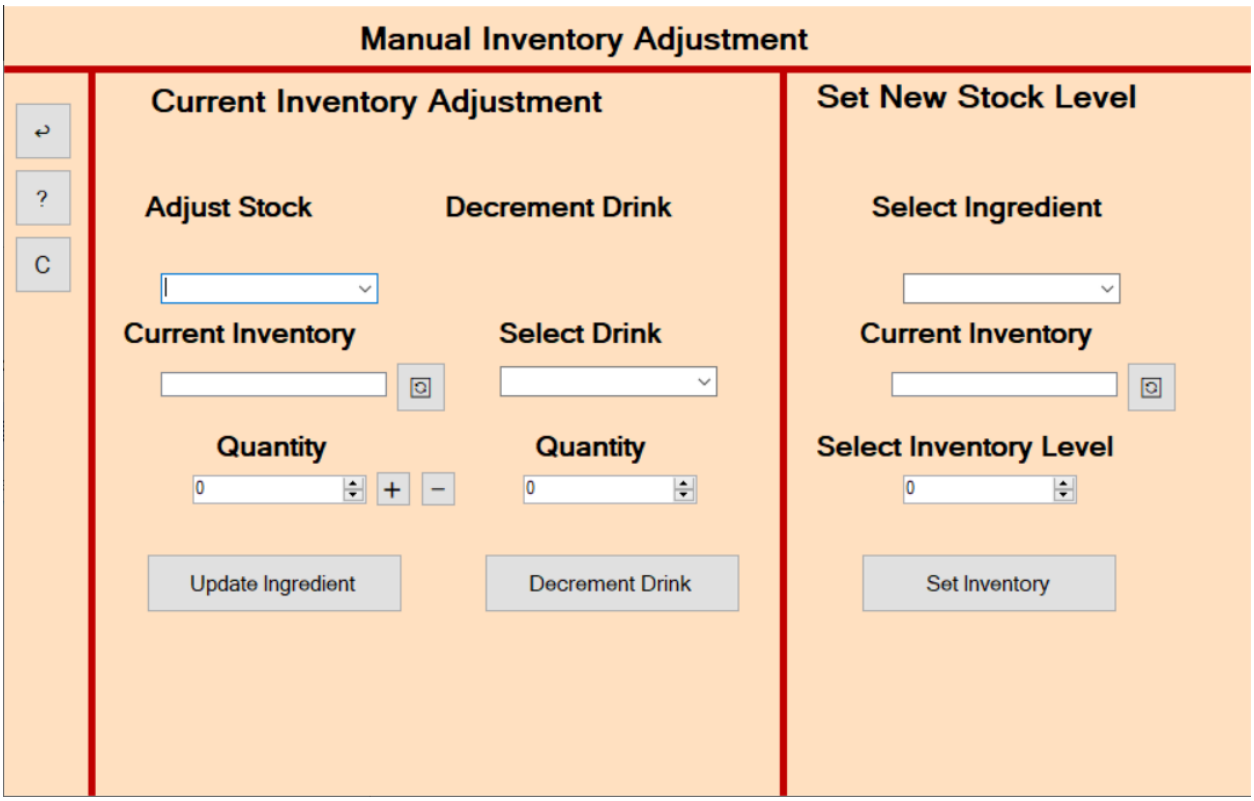
Mocha Point Management is the user

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



User is Mocha Point Management

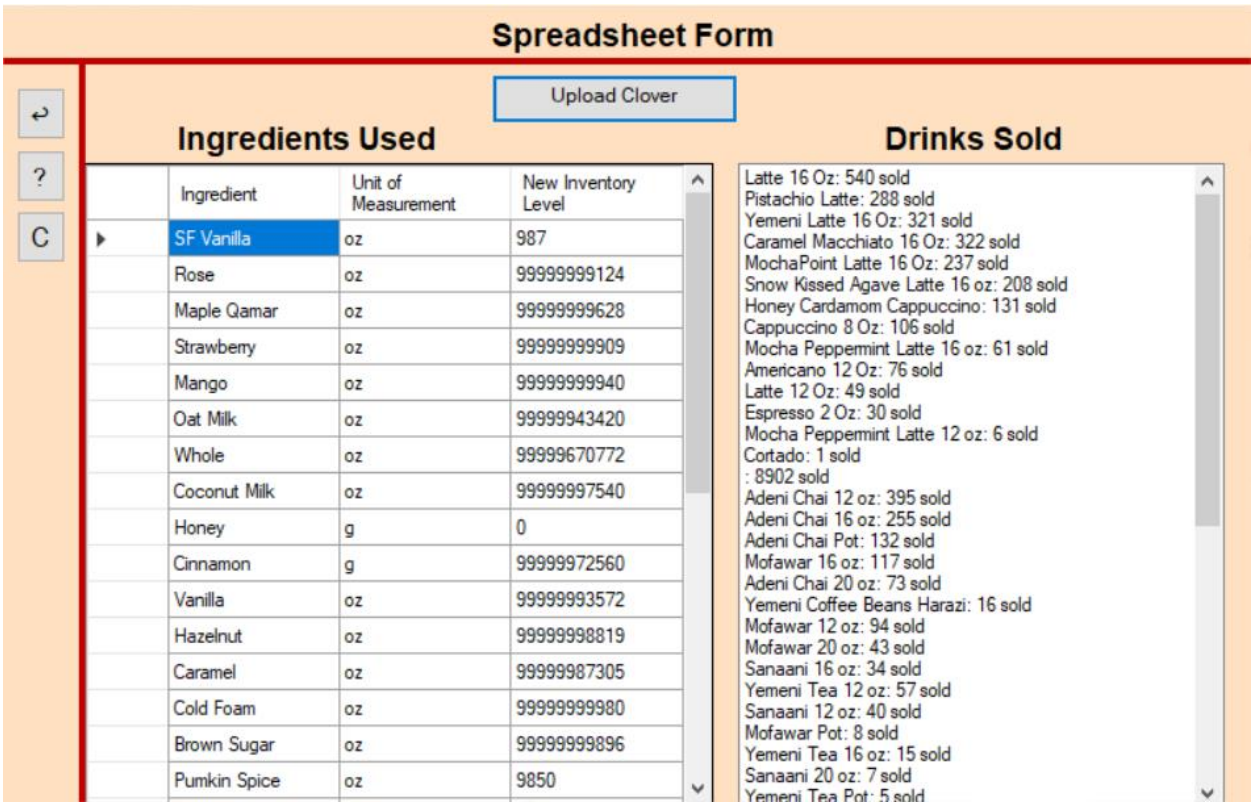
Tasks: Allow users to select an ingredient and add/subtract value in the case of uncaptured stock adjustment. If the user would prefer to set a new stock level after assessing inventory, they would do so with the select new quantity dropbox

menu.

System: Inventory Management Application

Environment: SQLite, C#, Winforms.

Import From CSV



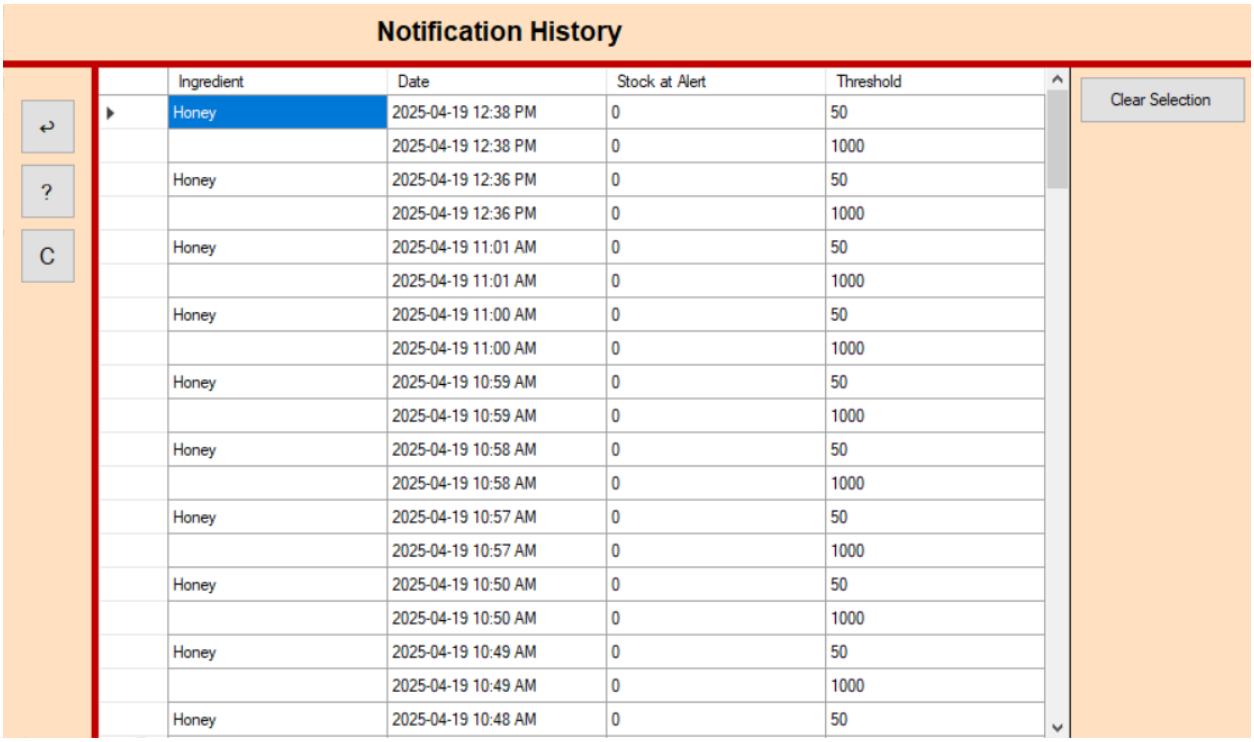
Mocha Point Management is the user

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



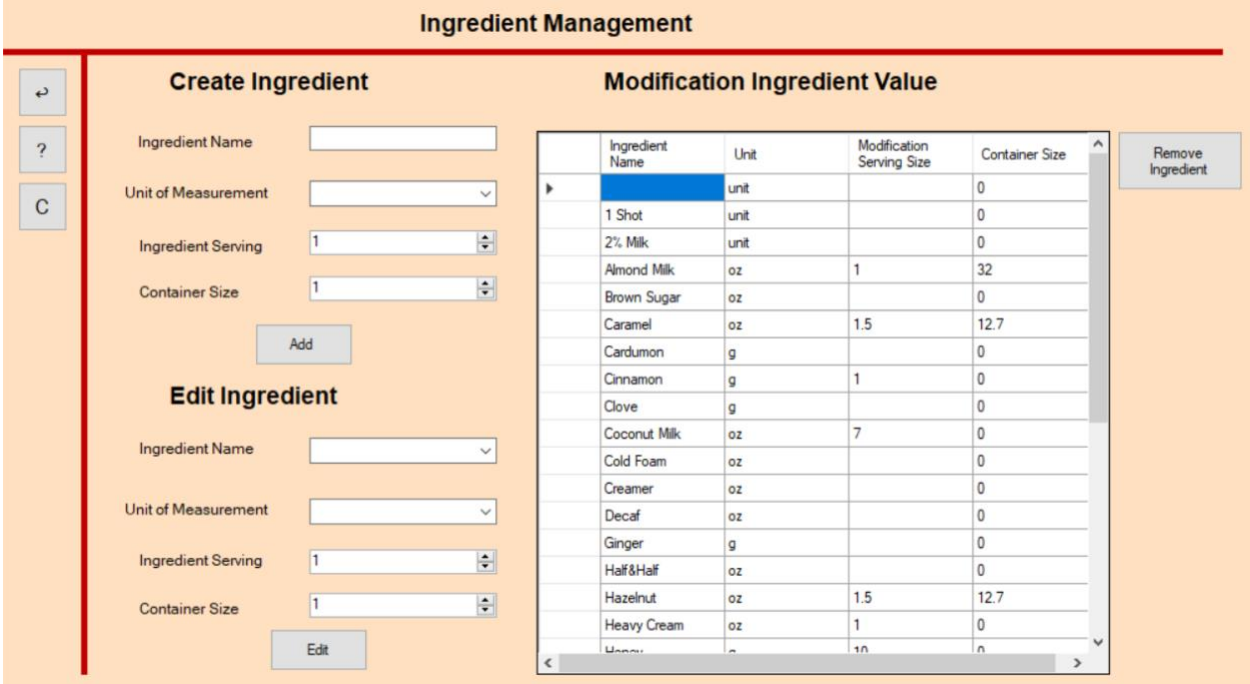
User is Mocha Point Management

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



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

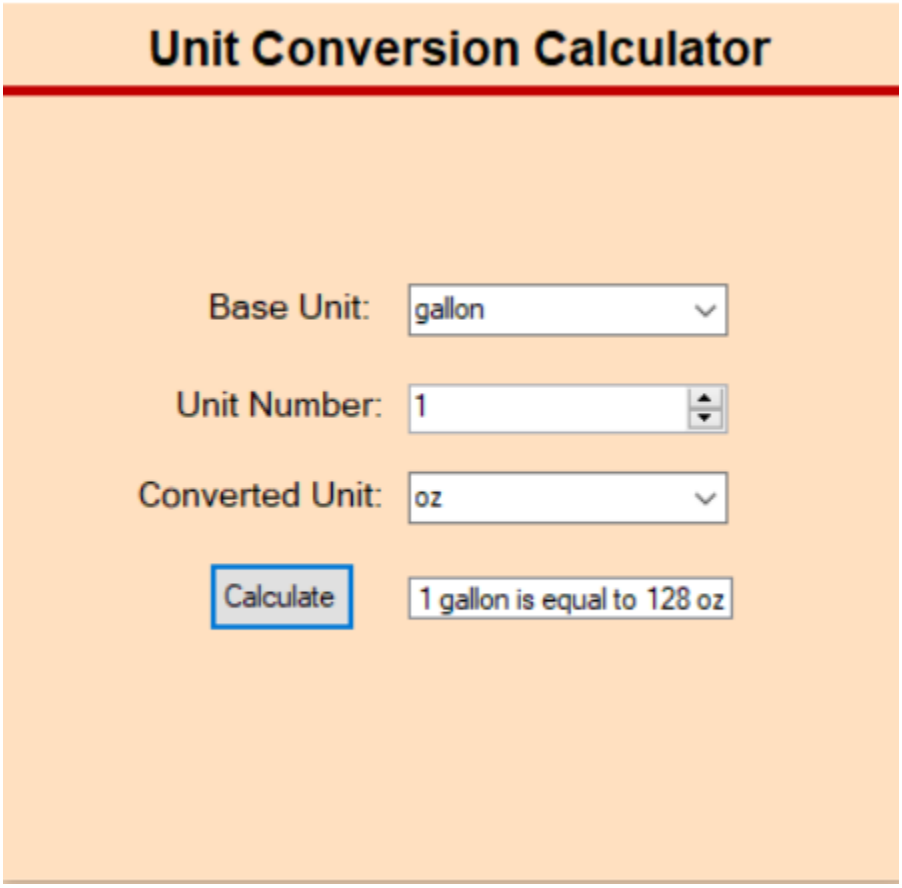
User is Mocha Point Management

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



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