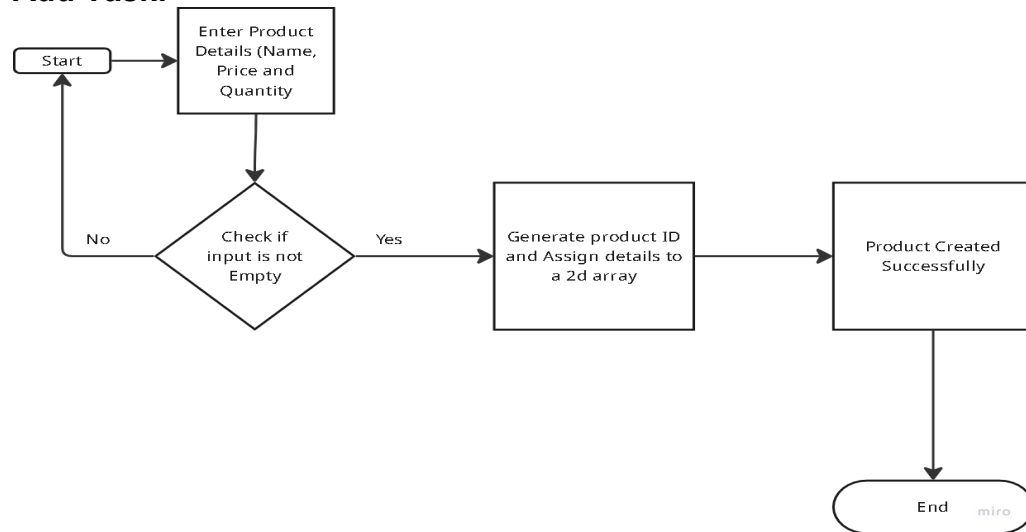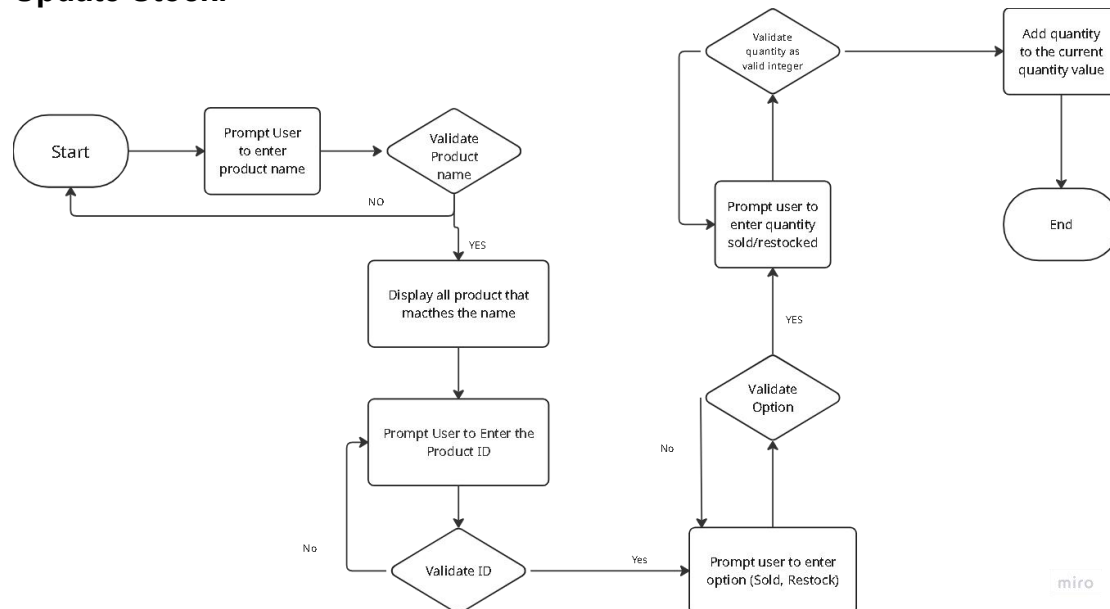# Design Outline

Add Task:

Steps:
- Prompt user to enter Name, Price and Quantity using Console.ReadLine()
- Check if input is not empty else return to step 1 using if/else statement
- Generate Product ID with name and product count using count variable in the for loop and concating name and count
- Assign the details to list using for loop
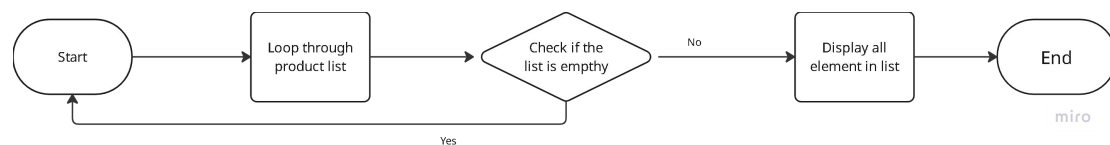- Return true

Update Stock:

Steps:
- Prompt user for product name using Console.ReadLine()
- Validate product name using if/else statement
- Display all product that matches the name using for loop and if/else statement
- Prompt user for product ID using Console.ReadLine()
- Validate product ID using if/else statement

- Prompt user for option (sold/restock) using Console.ReadLine()
- Validate product option using if/else statement
- Prompt user for quantity using Console.ReadLine()
- Enusure quantity is numberic using if/else statement and TryParse()
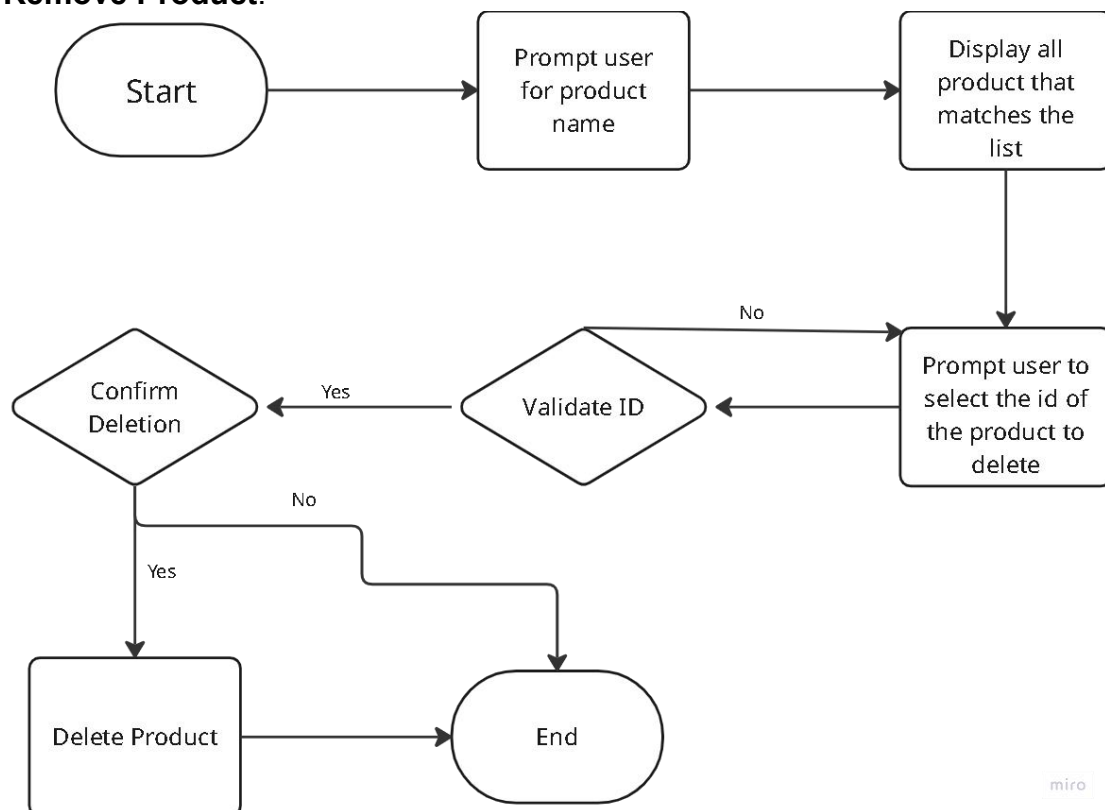- Update quantity using for loop and if/else statement
- Return true

View Products and Stock Level:

Steps:
- Loop through product list using for loop
- Check if the list is empty
- Return false else display list
- Return true

Remove Product:

Steps:
- Prompt user to enter product name using Console.ReadLine()
- Display all product that matches the list using for loop and Console.WriteLine()
- Prompt user to enter product ID using Console.ReadLine
- Validate ID, using if/else. If yes,
- Confirm deletion using if/else. If yes
- Delete product