Kohl Johnson

12-03-2023

CST-150

Milestone 6 Coversheet
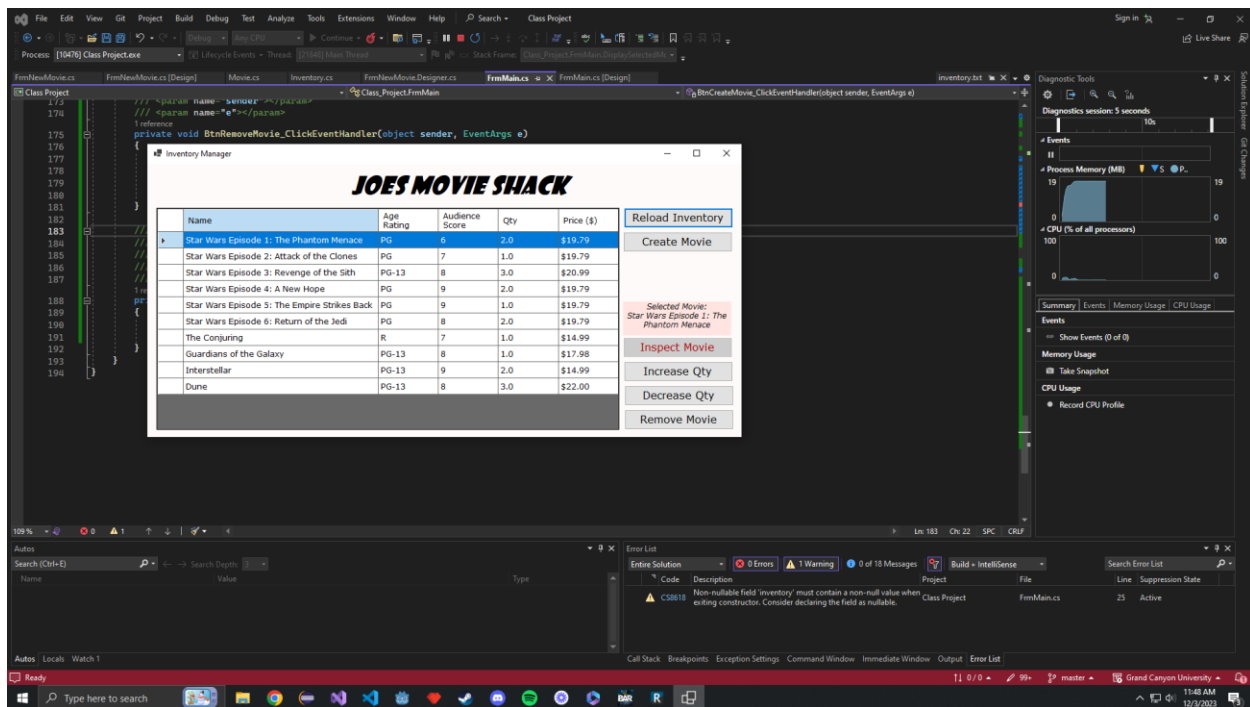
**Loom Video Part 1 Link:**

https://www.loom.com/share/c8051b8624cf42ab84bc7971a40adfc8?sid=3bfb9d7c-1774-466a-9bc6-ab76b484542b
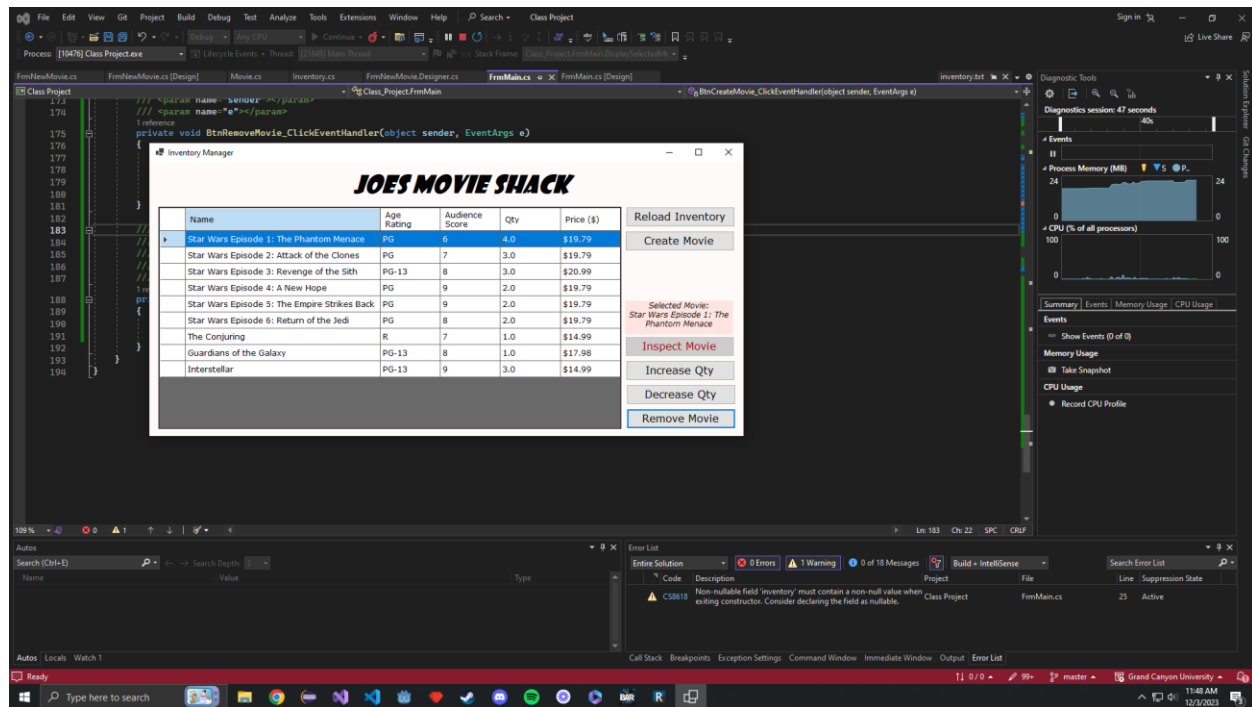
**Loom Video Part 2 Link:**

https://www.loom.com/share/8b5674f5495942ca8ab3a2b264891dad?sid=42ff4a41-1557-4f72-8ad5-9e9a4e9b4a11

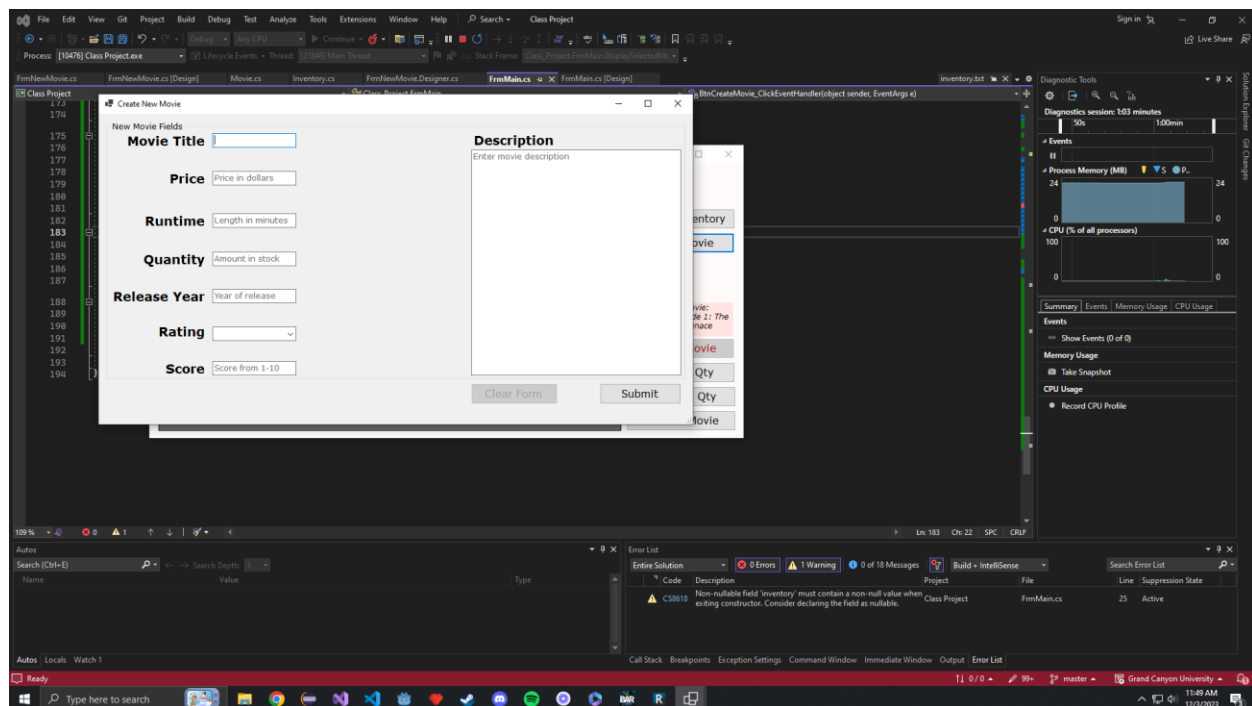**Main Form Pre Population Screenshot**



Shows the form upon loading, with no buttons clicked.

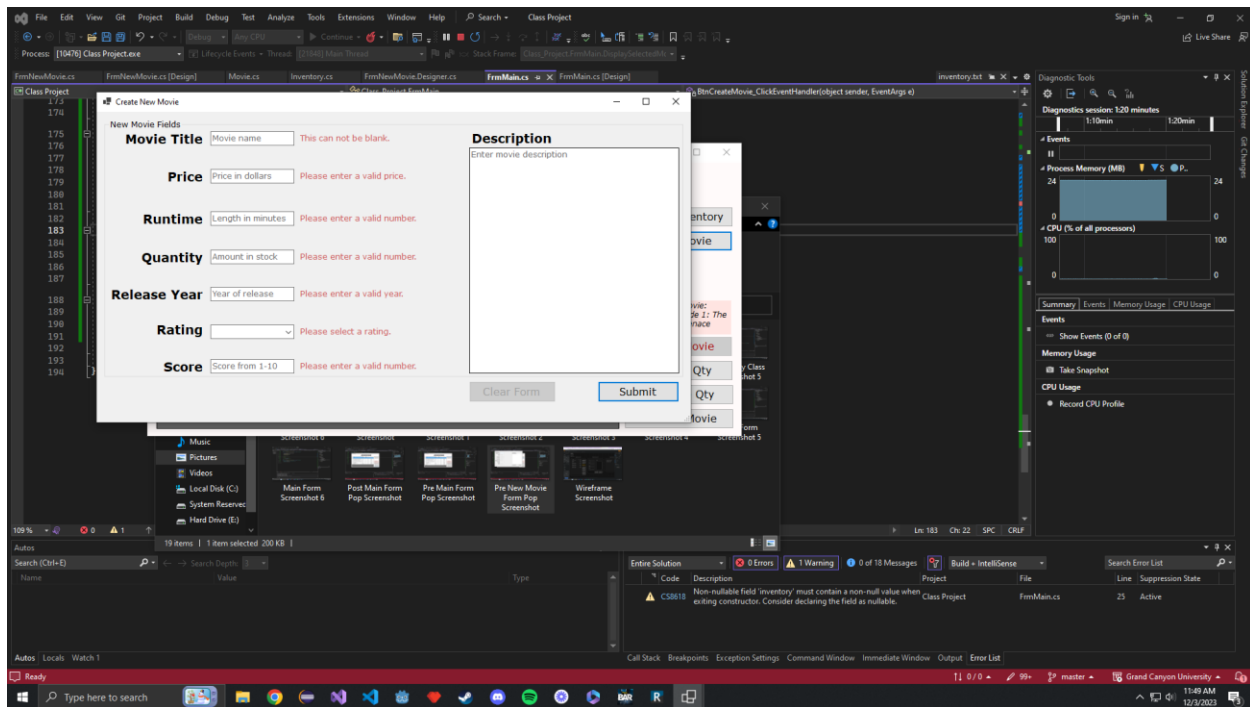**Post Main Form Population Screenshot**



Shows the main form after a couple increase/decrease quantity operations and after the Dune movie was removed.
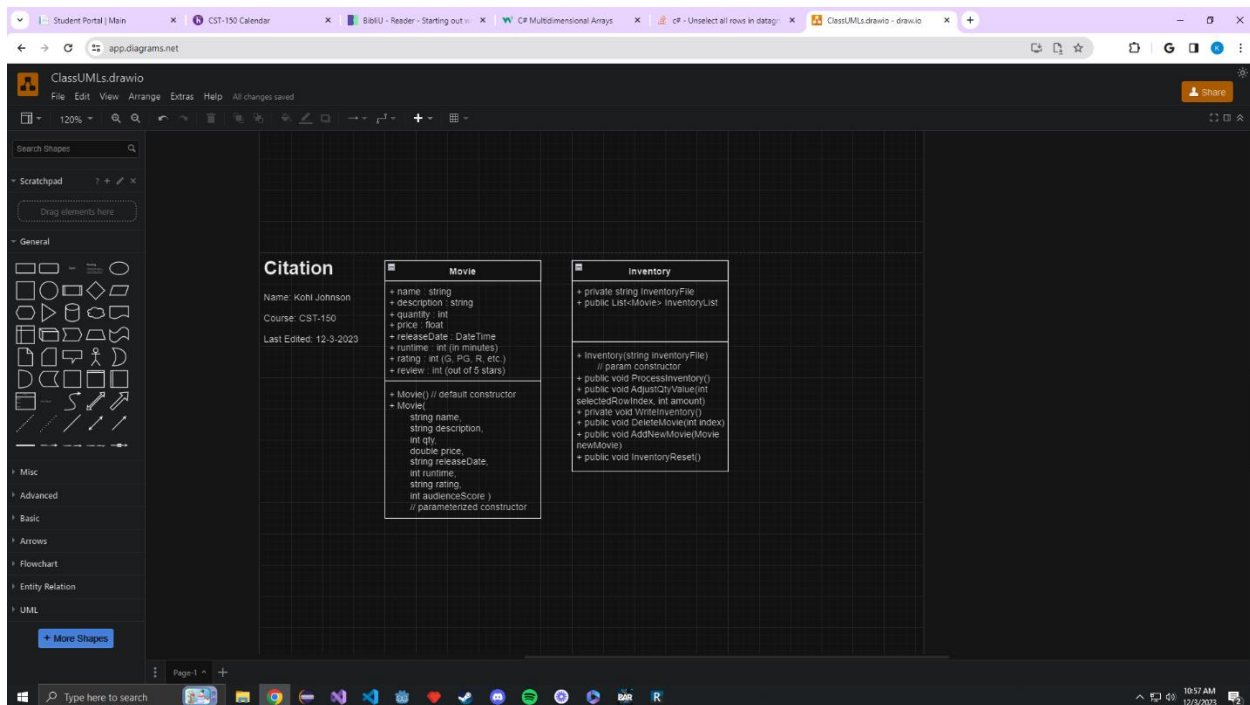
**New Movie Form Pre-Population Screenshot**



Shows the New Movie Creation Form upon loading.
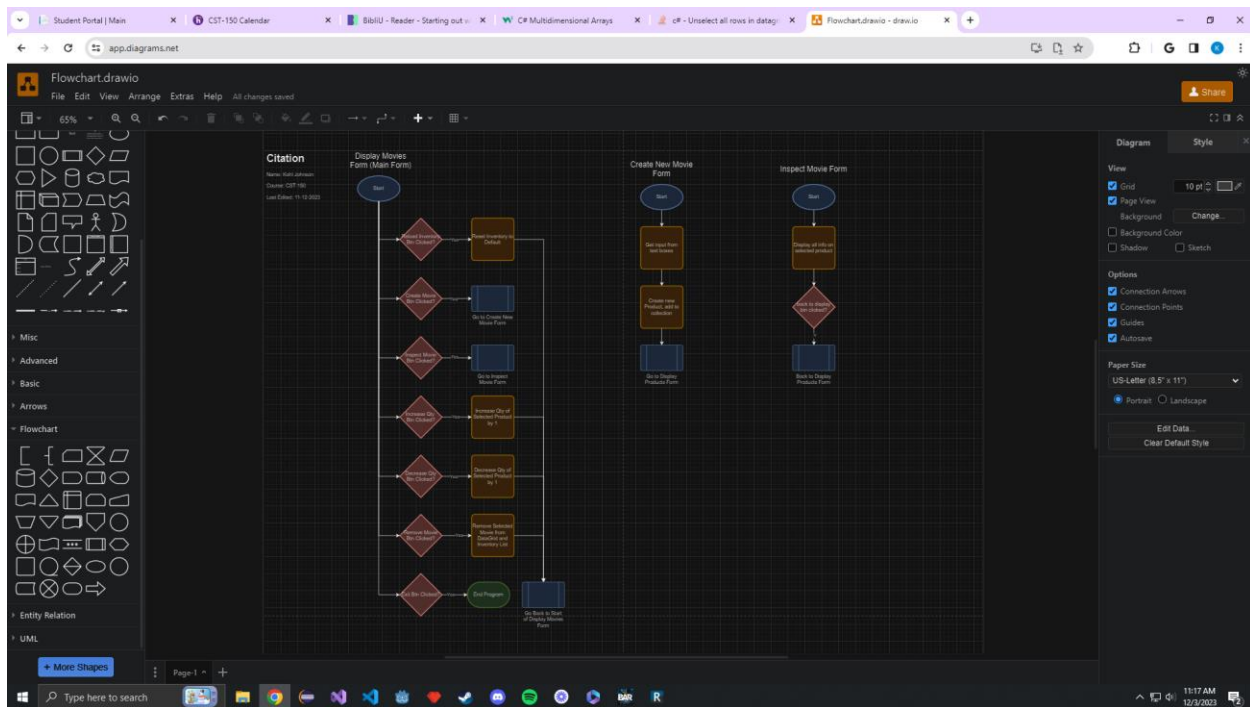
**Post-Population New Movie Form Screenshot**



Does not show information being put in but does show all the error messages.
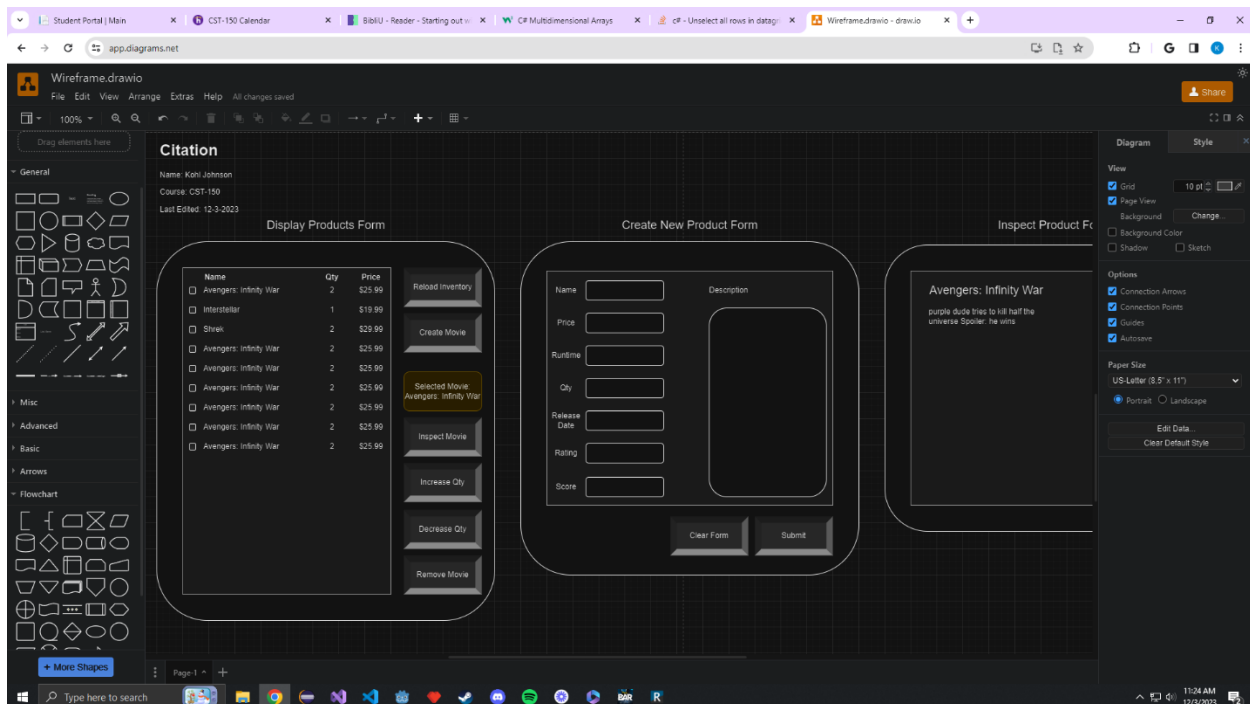
**Class UMLs Screenshot**



Updated UML for Inventory class.

**Flowchart Screenshot**



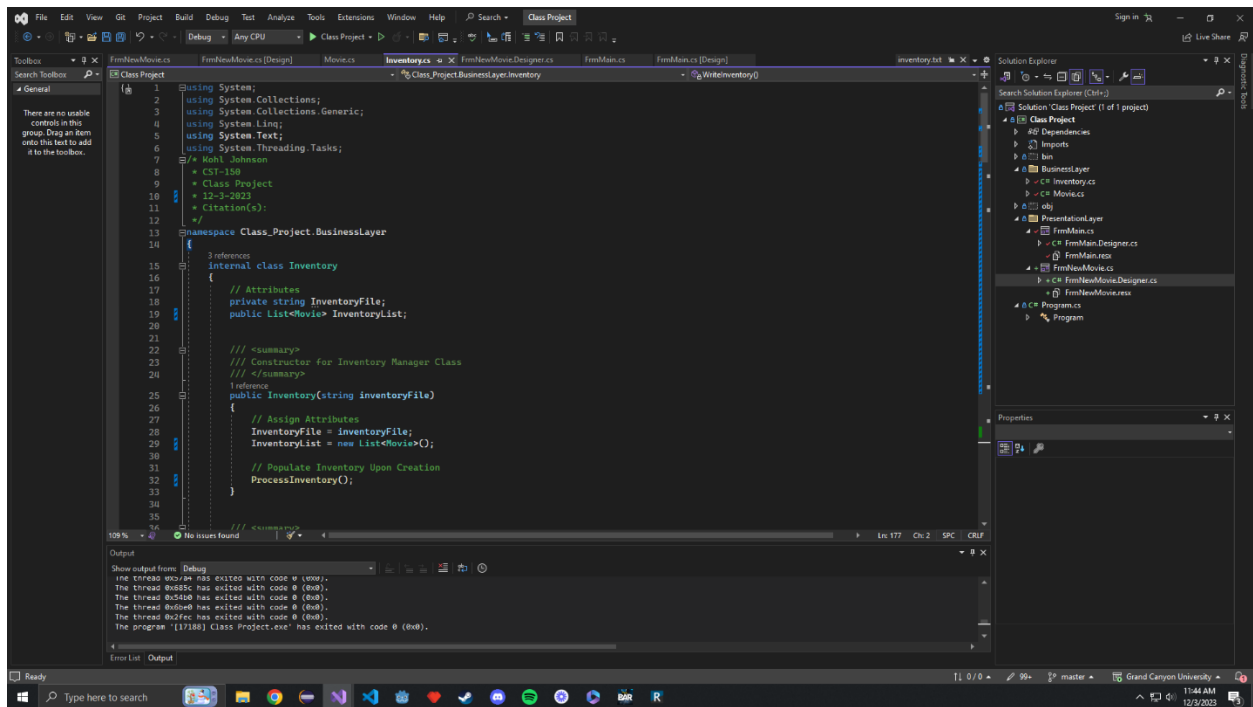Updated Flowchart for the Display Movie Form. The decision symbols do not have a "no" path because when it button is not clicked, nothing happens.
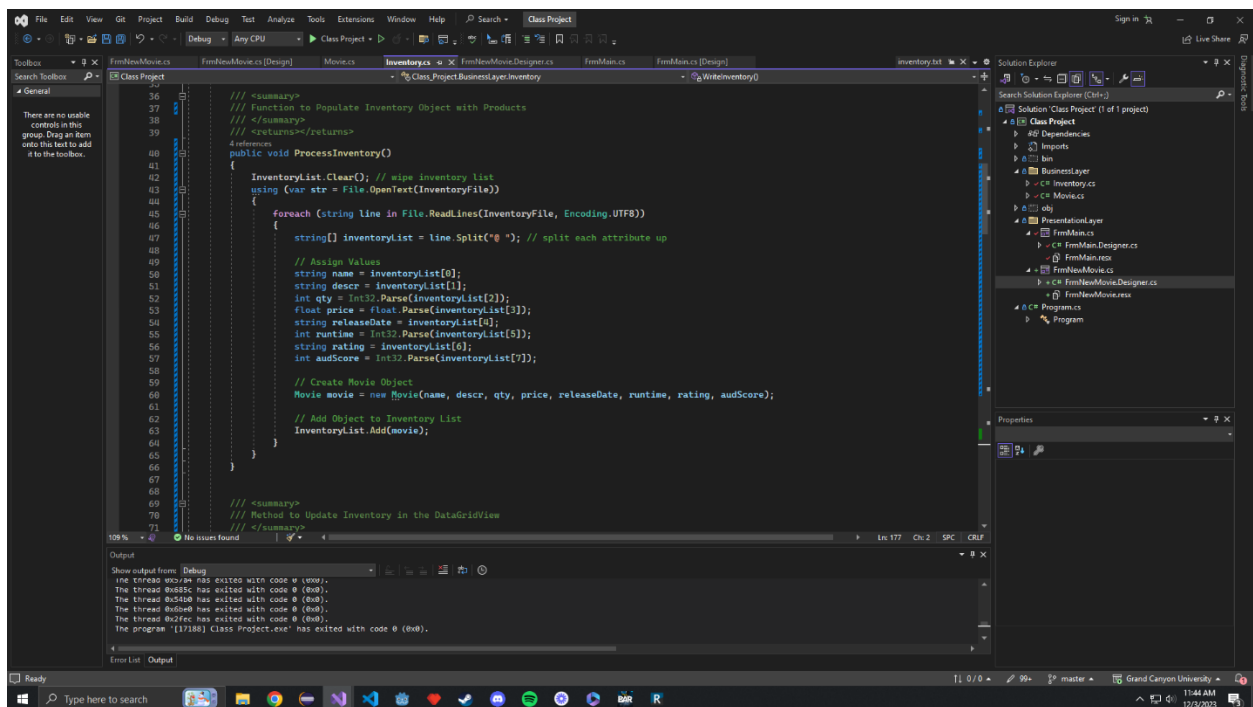
**WireFrame Screenshot**



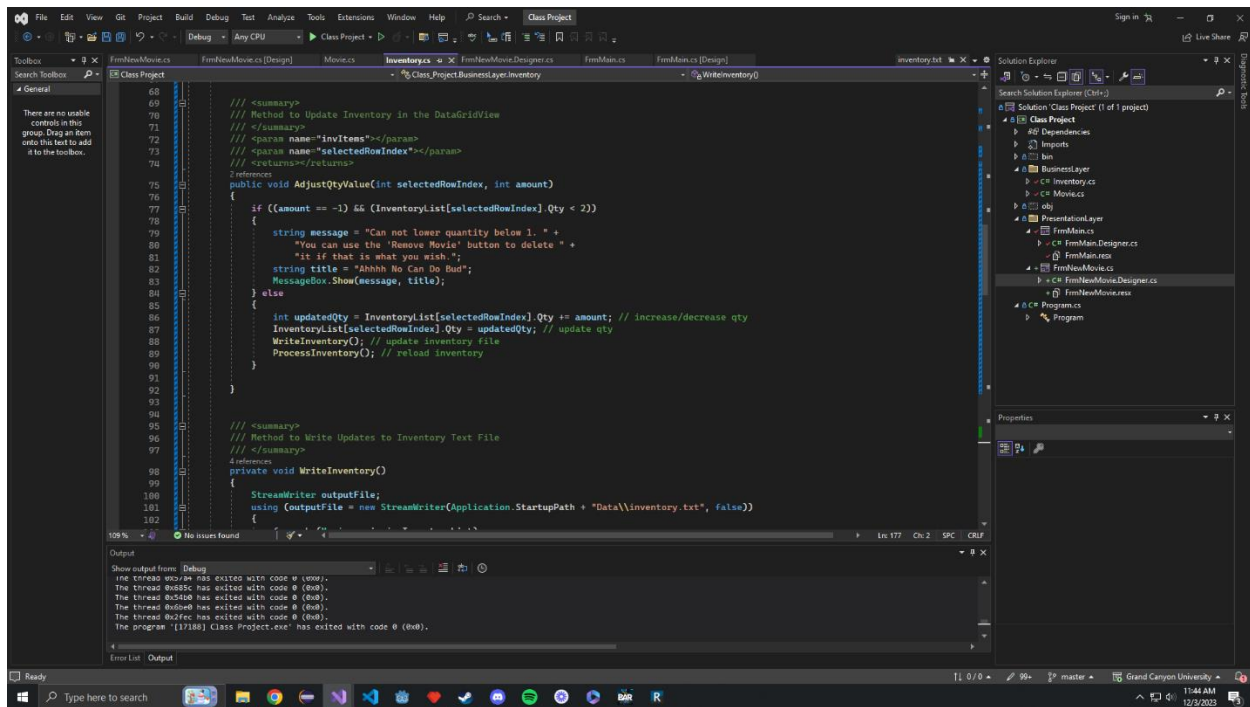Updated wireframe for Display Products Form and the Create New Product Form.

## Inventory Class Code Screenshot 1



Shows the citation and the constructor

## Inventory Class Code Screenshot 2



Shows the ProcessInventory method used for reading in the inventory file.

**Inventory Class Code Screenshot 3**



Shows the AdjustQtyValue method which is used to increase or decrease the selected movies quantity by 1.

**Inventory Class Code Screenshot 4**



Shows the WriteInventory method which is used to update the inventory text file.

**Inventory Class Code Screenshot 5**
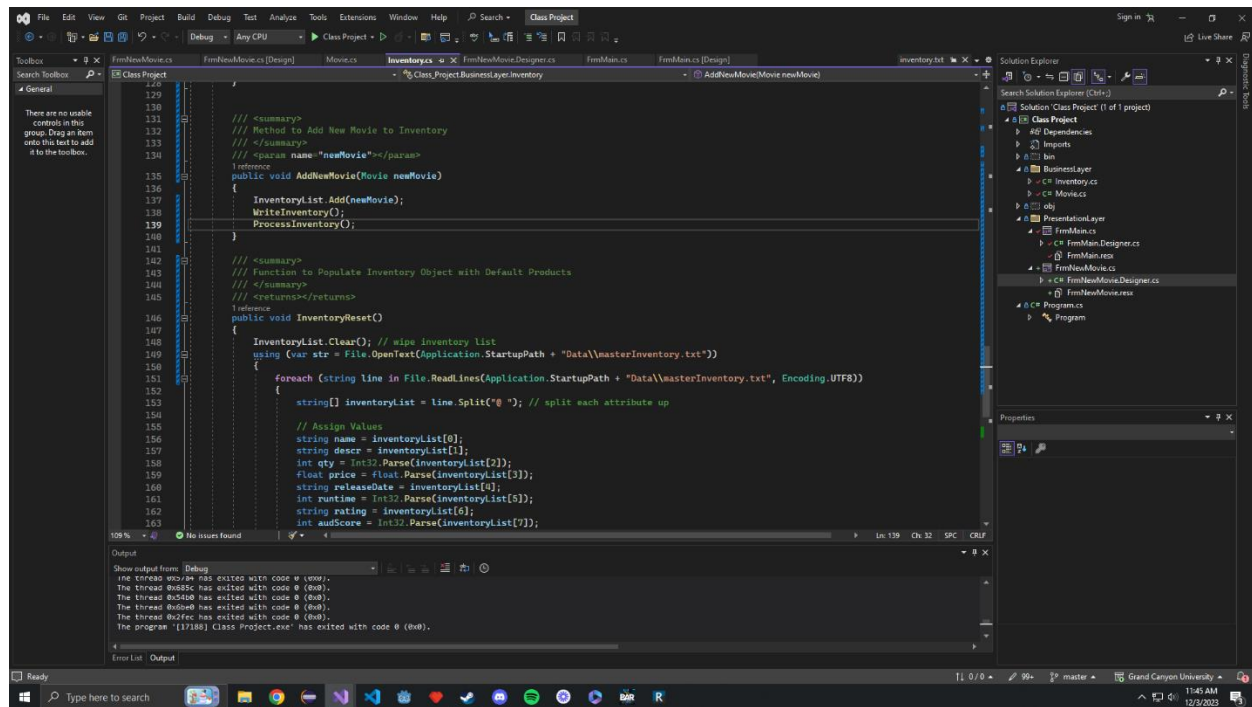


Shows the AddNewMovie method, which is used to add a new movie to the list and also updates the inventory text file. Also shows the InventoryReset method which is used to reset the inventory to default in case of mistakes.

## Inventory Class Code Screenshot 6
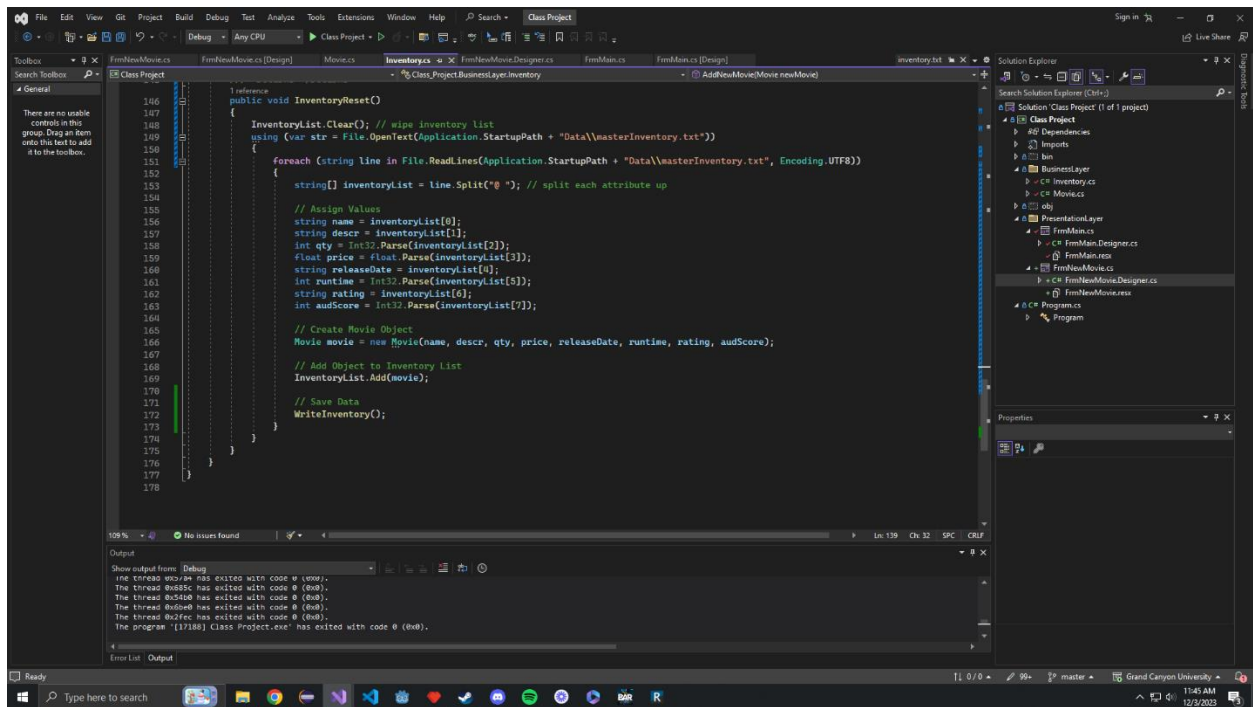


Shows the rest of the InventoryReset method.

## Main Form Code Screenshot 1
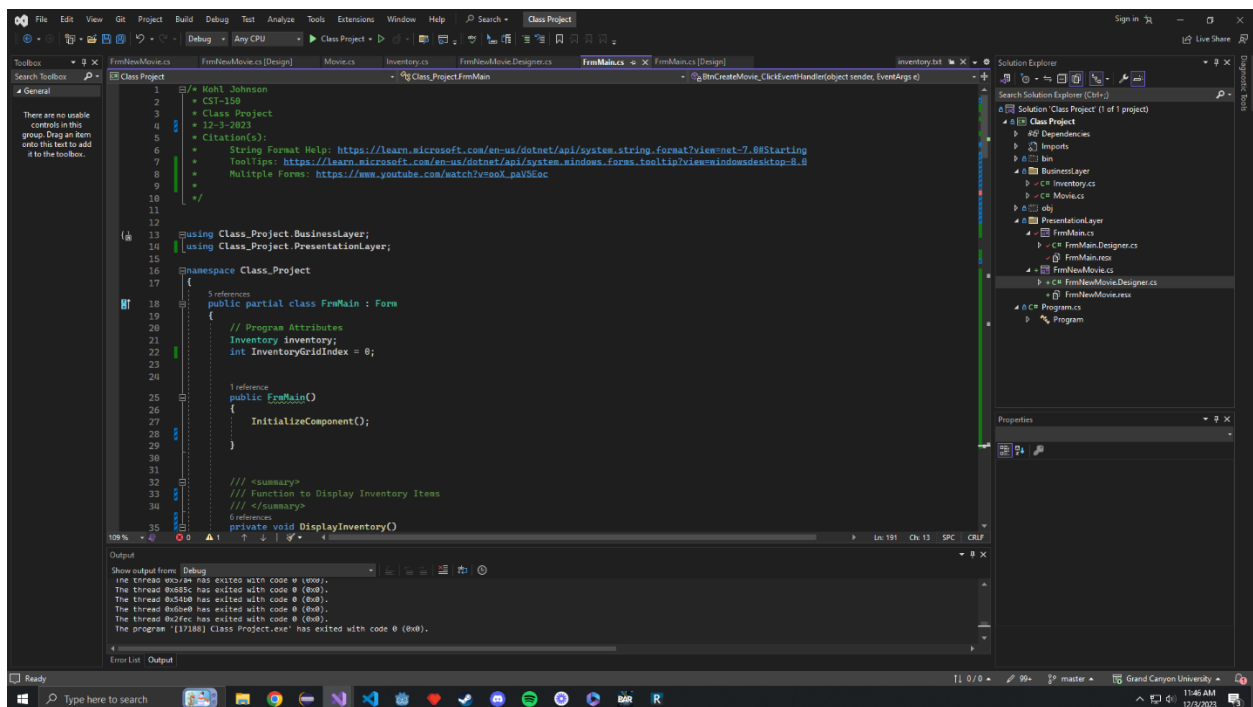


Shows the citation for FrmMain.cs

**Main Form Code Screenshot 2**
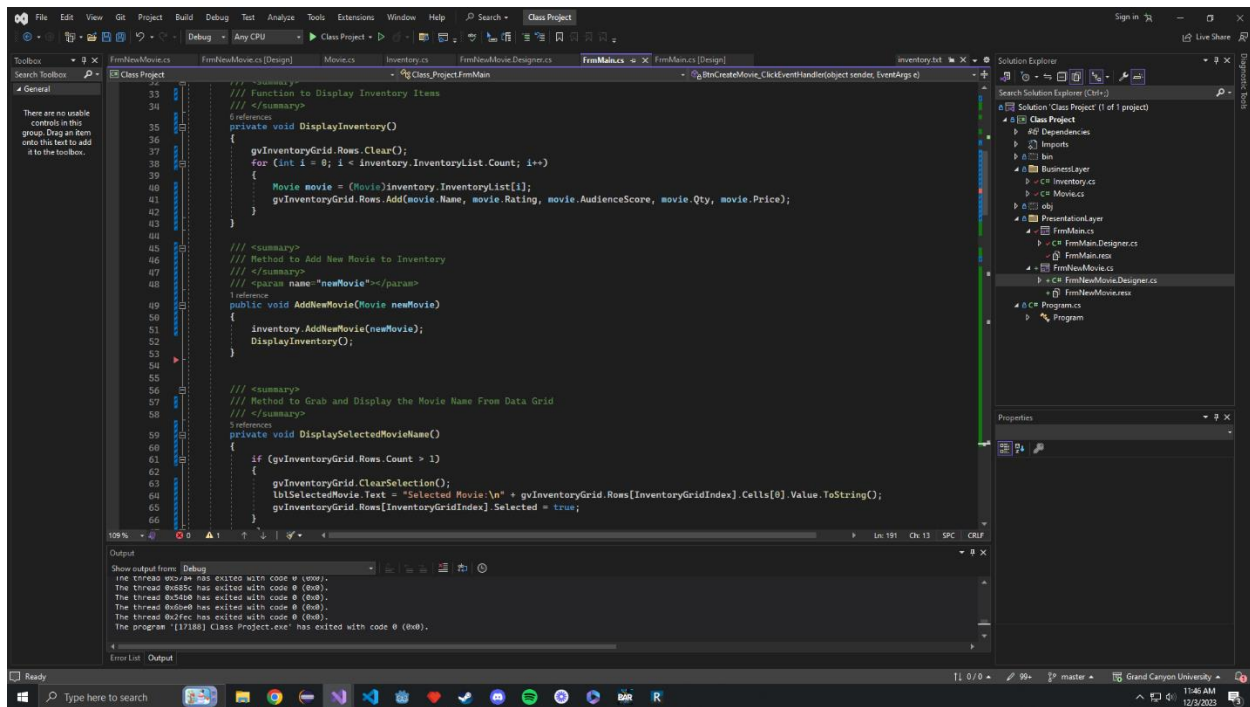


Shows the DisplayInventory method which populates the data grid with Movie objects form the inventory text file.

**Main Form Code Screenshot 3**
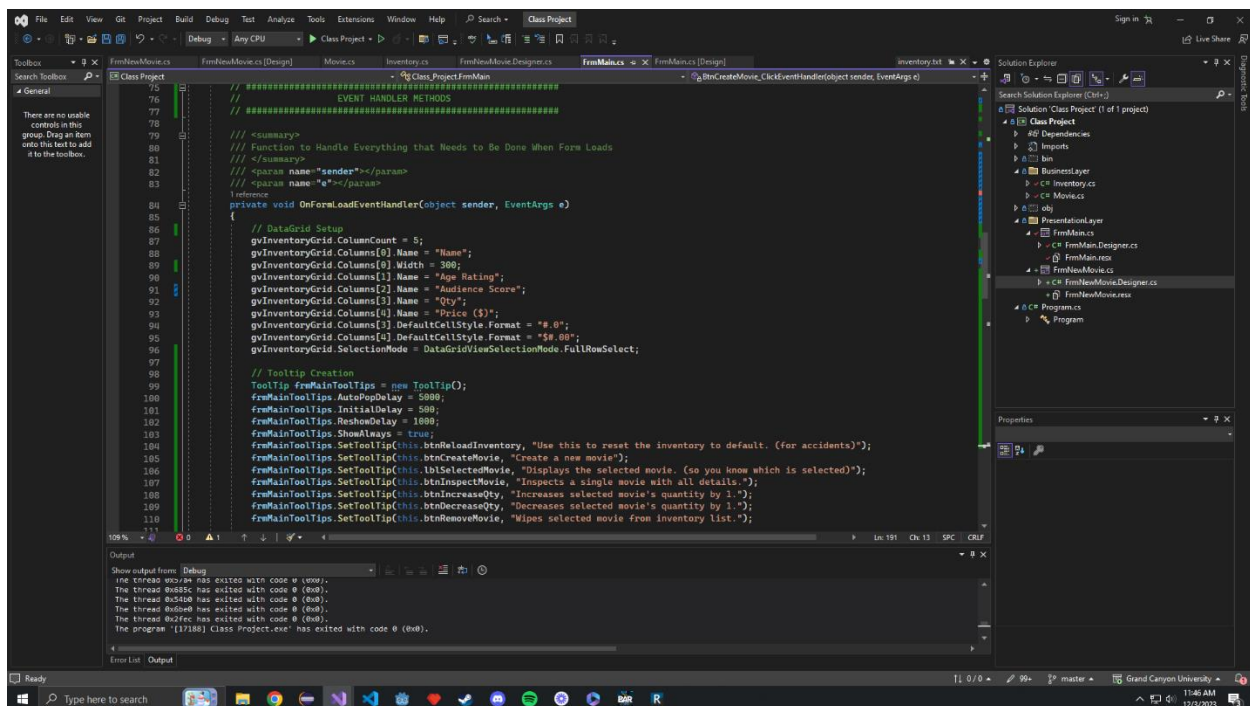


Shows the OnFormLoad event handler which sets up our program.

**Main Form Code Screenshot 4**



Various button click event handlers.

**Main Form Code Screenshot 5**
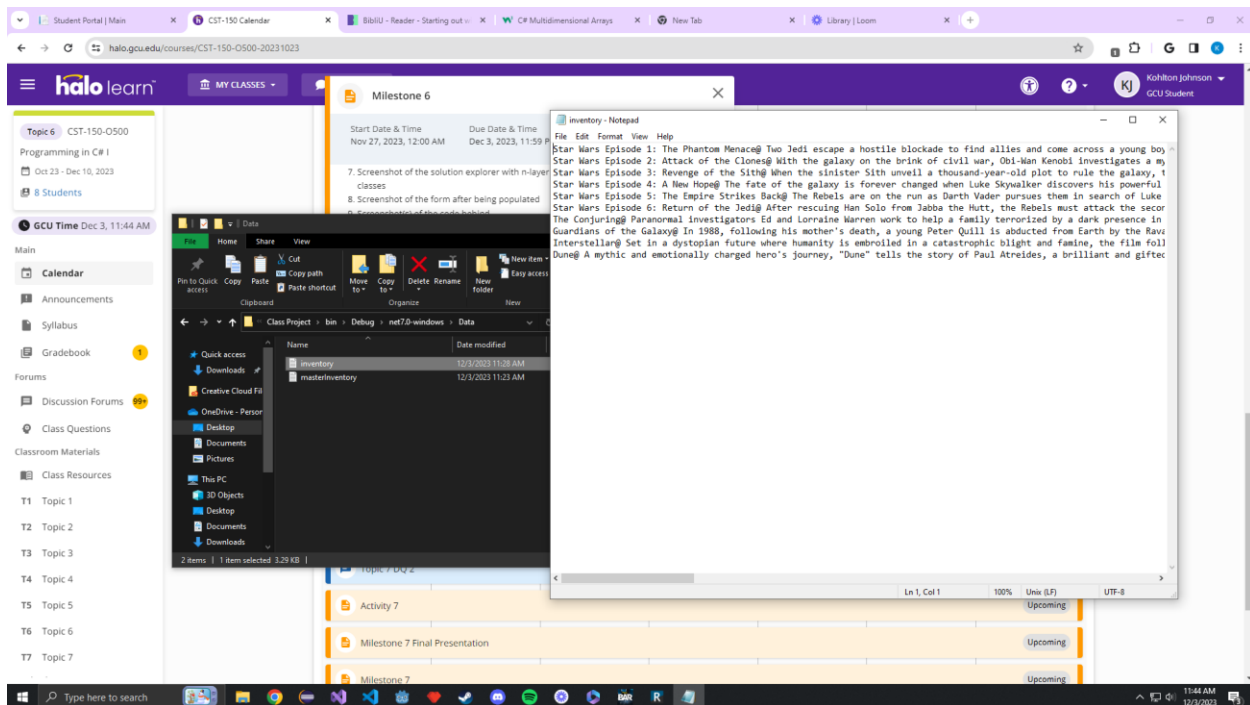


More button click event handlers

## Main Form Code Screenshot 6



Shows the last of the button click event handlers.

## Inventory Txt File Screenshot



Txt File used for inventory management.