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12-03-2023

CST-150

Milestone 6 Coversheet

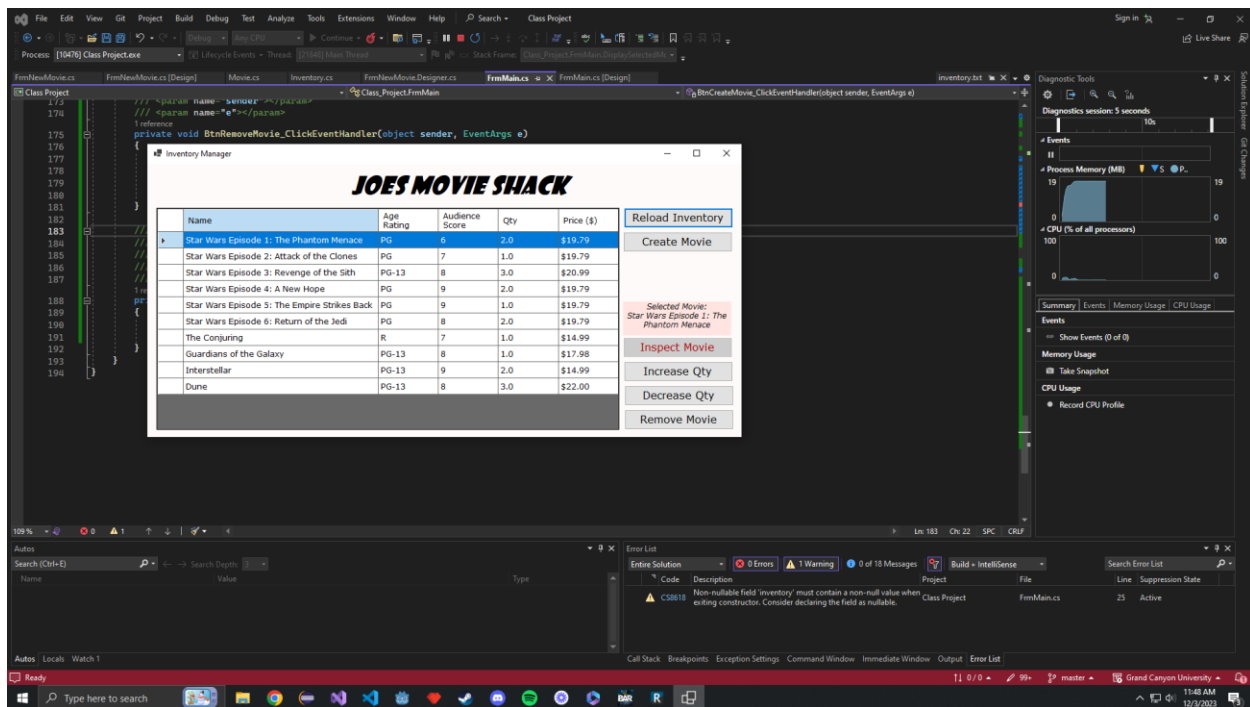
Loom Video Part 1 Link:

<https://www.loom.com/share/c8051b8624cf42ab84bc7971a40adfc8?sid=3bfb9d7c-1774-466a-9bc6-ab76b484542b>

Loom Video Part 2 Link:

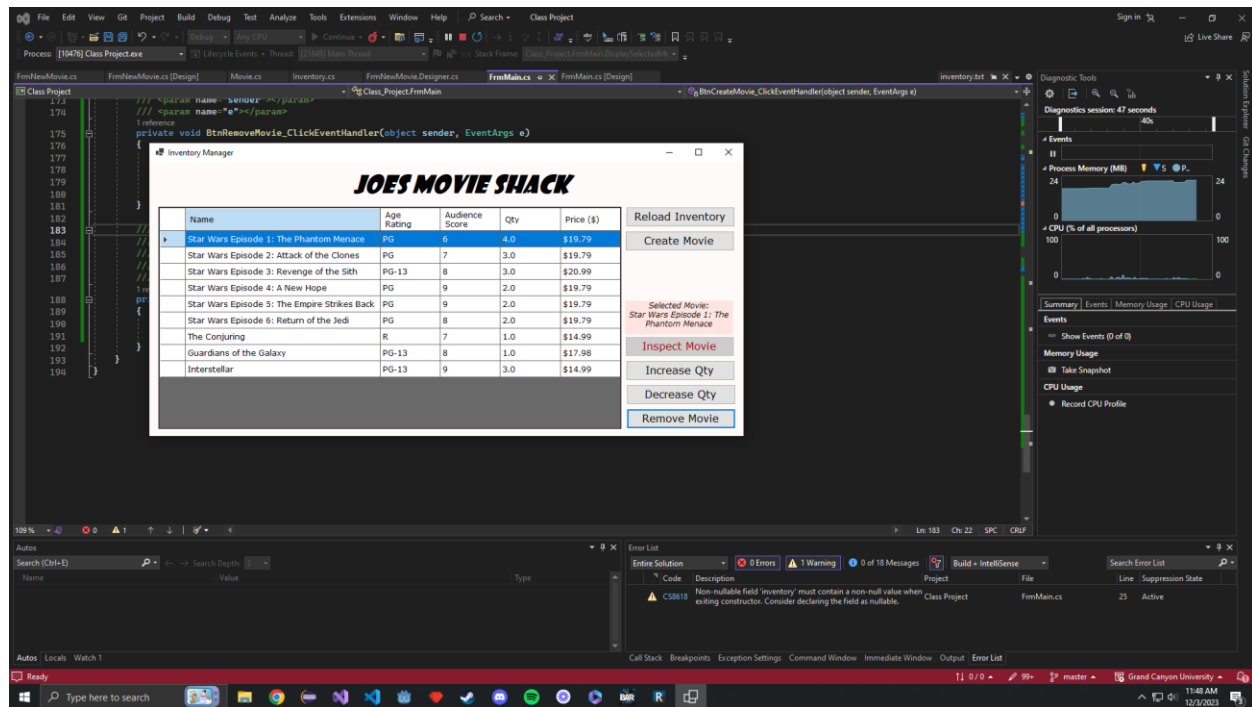
<https://www.loom.com/share/8b5674f5495942ca8ab3a2b264891dad?sid=42ff4a41-1557-4f72-8ad5-9e9a4e9b4a11>

Main Form Pre Population Screenshot



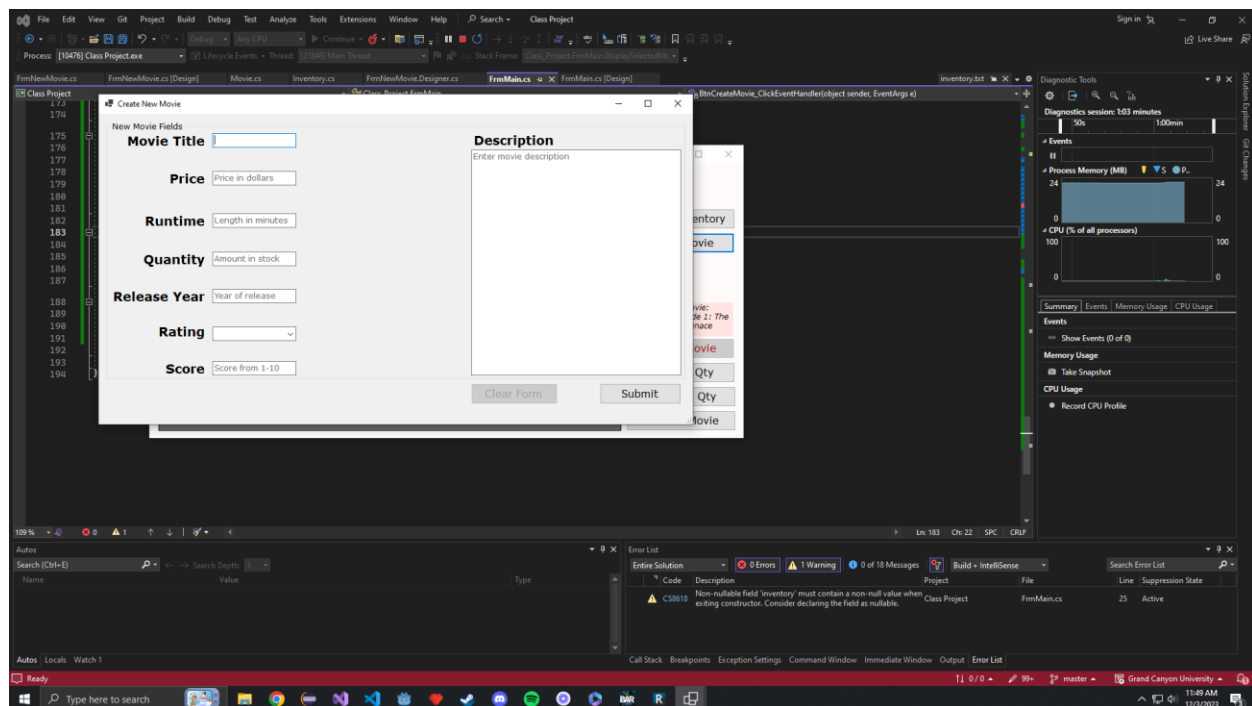
Shows the form upon loading, with no buttons clicked.

Post Main Form Population Screenshot



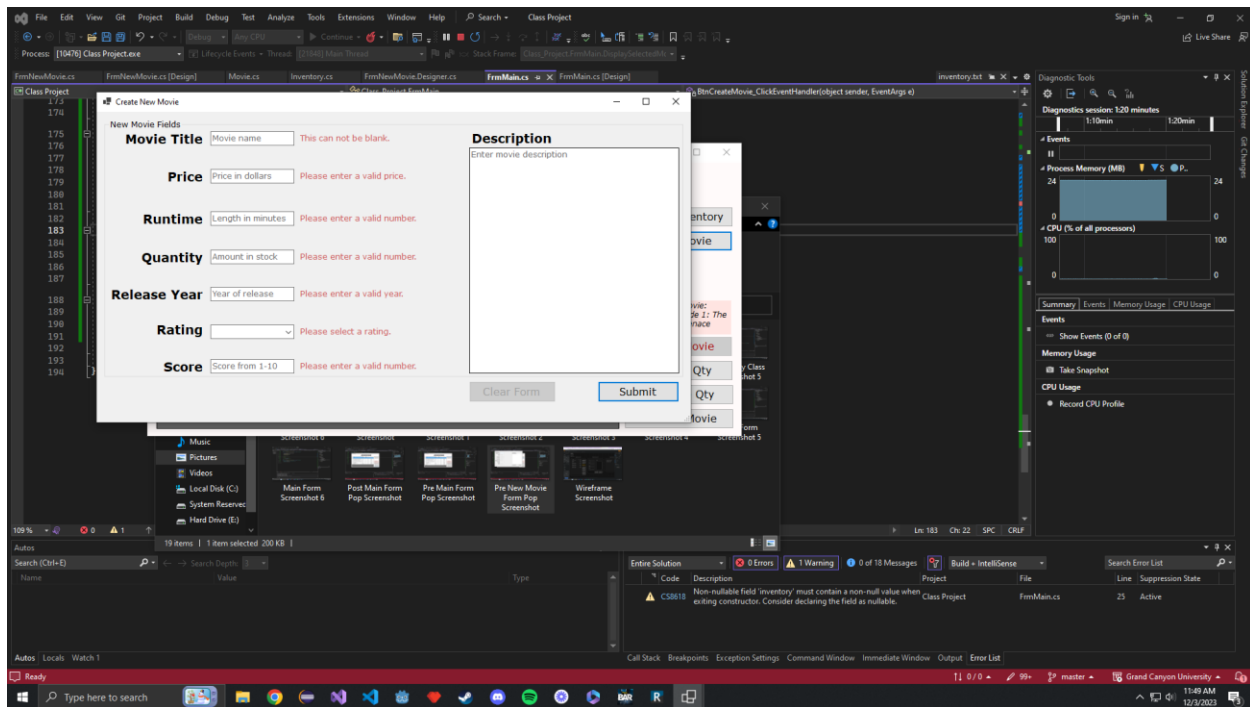
Shows the main form after a couple increase/decrease quantity operations and after the Dune movie was removed.

New Movie Form Pre-Population Screenshot



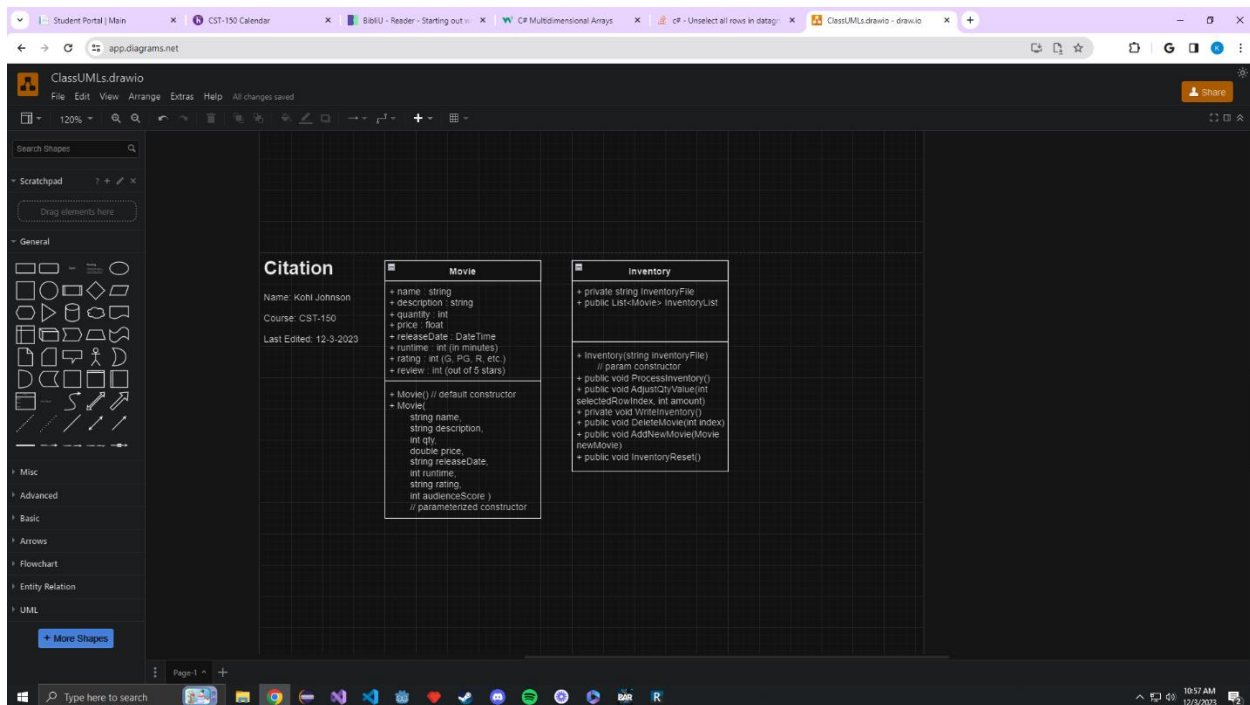
Shows the New Movie Creation Form upon loading.

Post-Population New Movie Form Screenshot



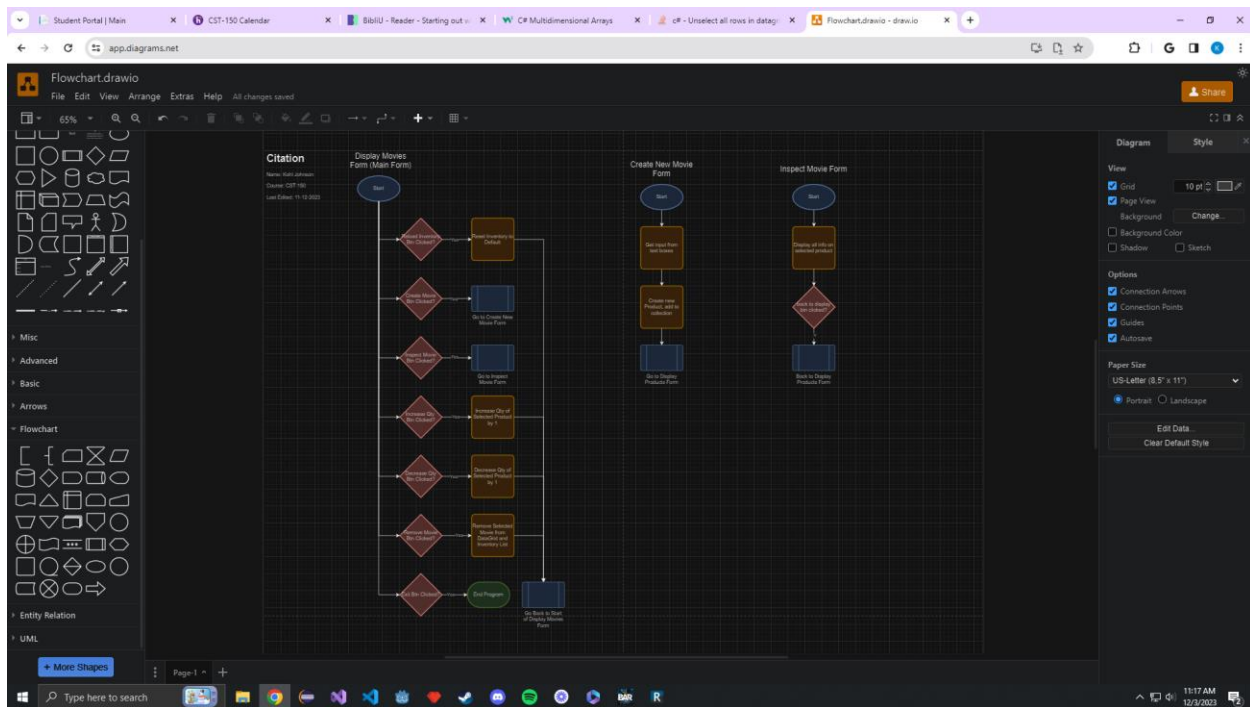
Does not show information being put in but does show all the error messages.

Class UMLs Screenshot



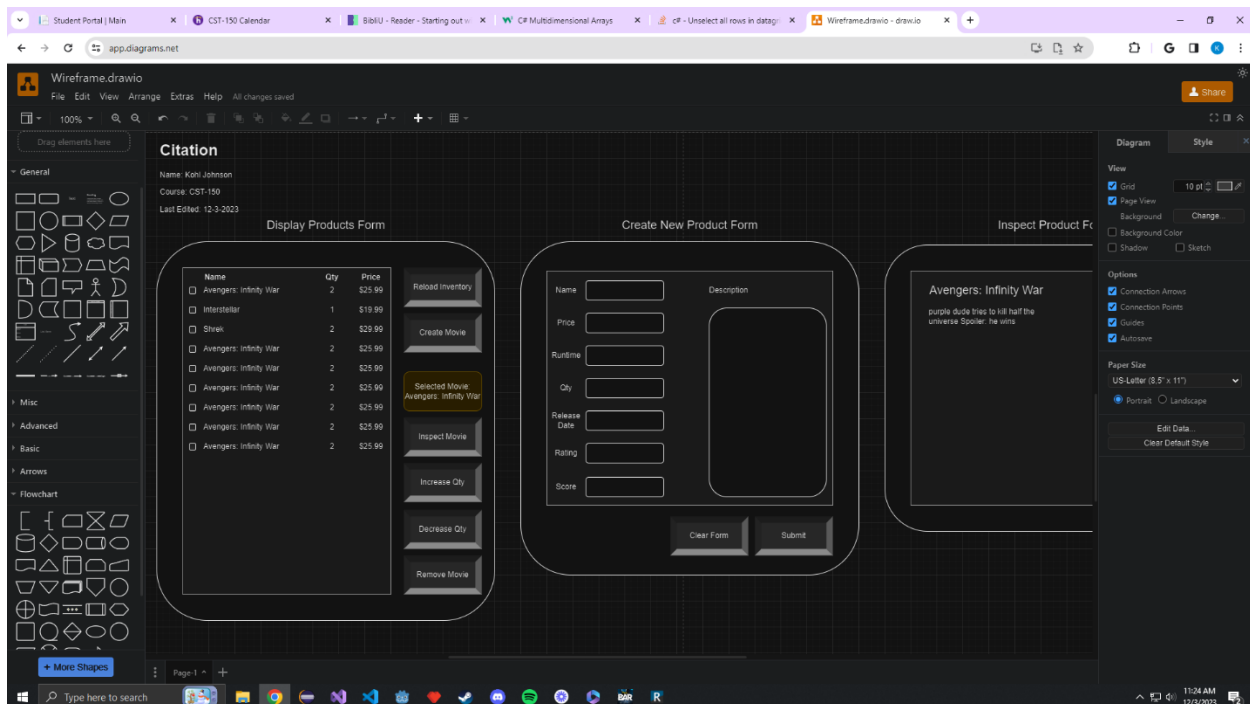
Updated UML for Inventory class.

Flowchart Screenshot



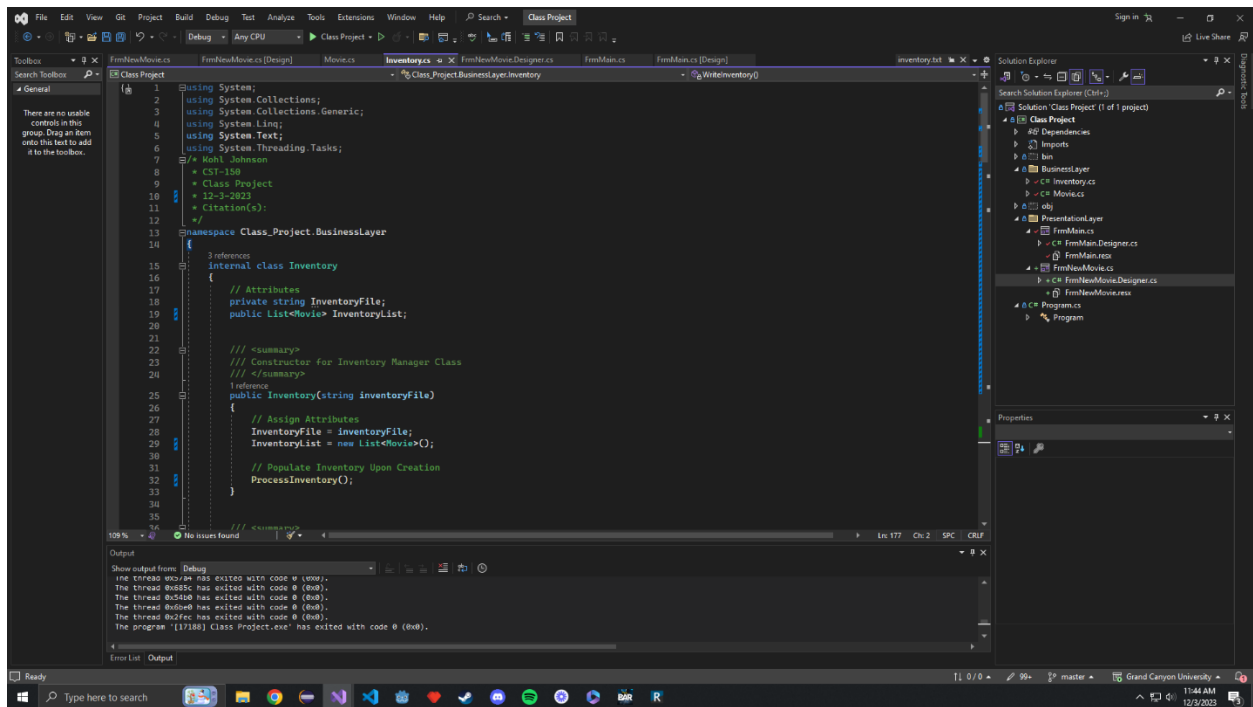
Updated Flowchart for the Display Movie Form. The decision symbols do not have a “no” path because when it button is not clicked, nothing happens.

WireFrame Screenshot



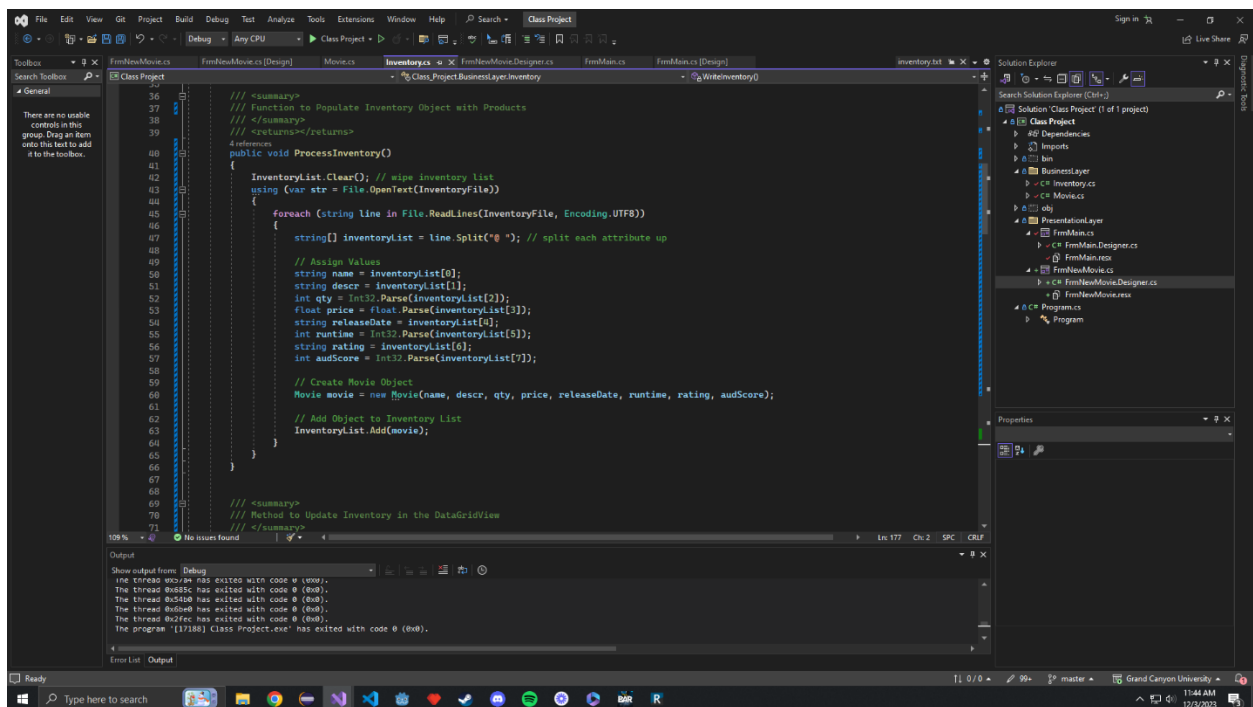
Updated wireframe for Display Products Form and the Create New Product Form.

Inventory Class Code Screenshot 1



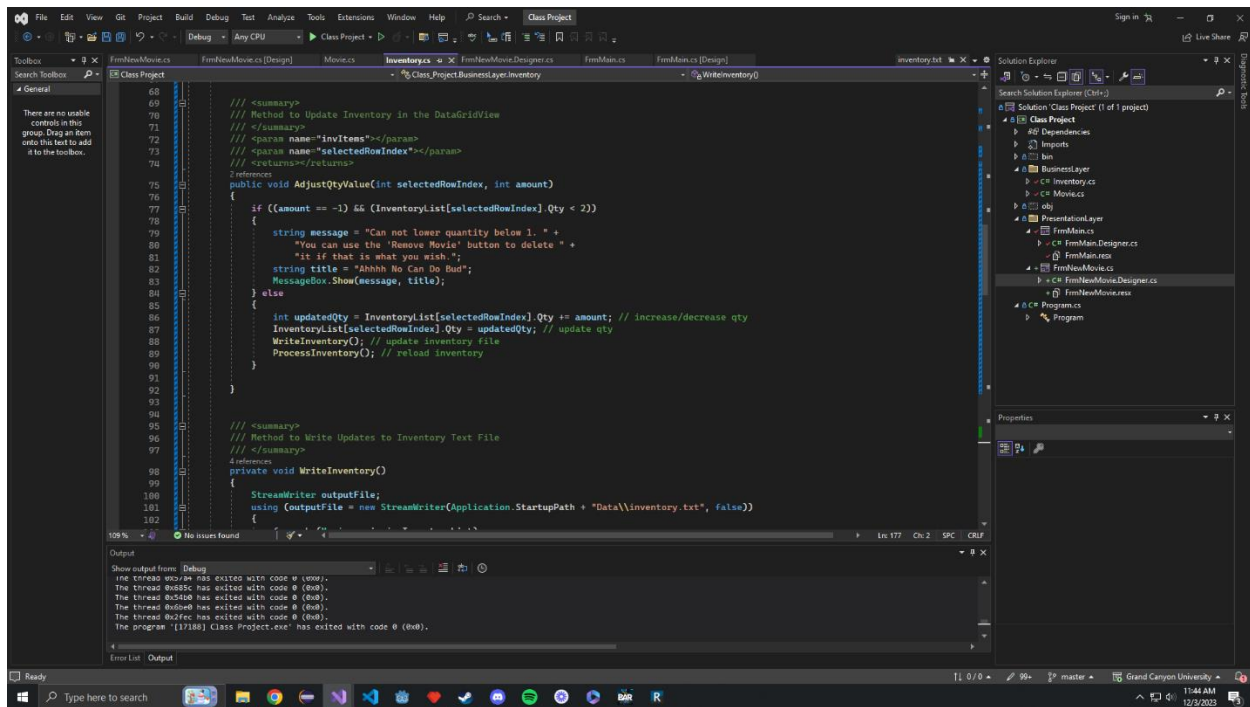
Shows the citation and the constructor

Inventory Class Code Screenshot 2

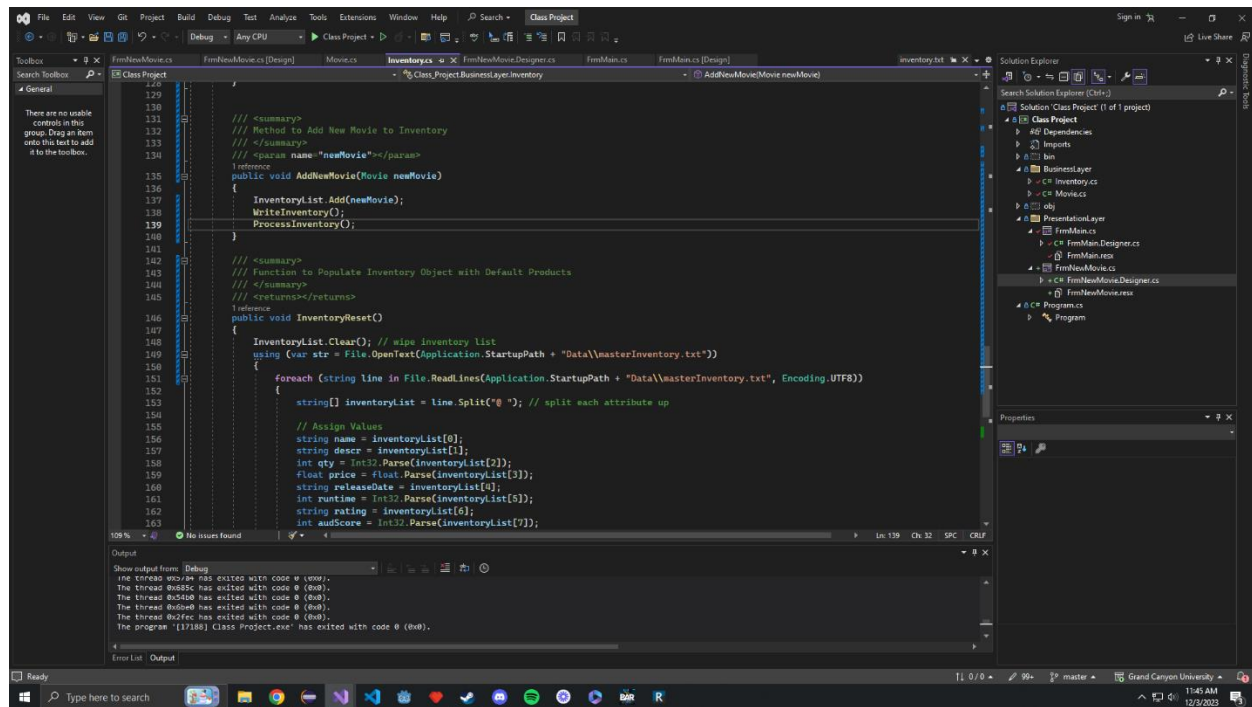


Shows the ProcessInventory method used for reading in the inventory file.

Inventory Class Code Screenshot 3

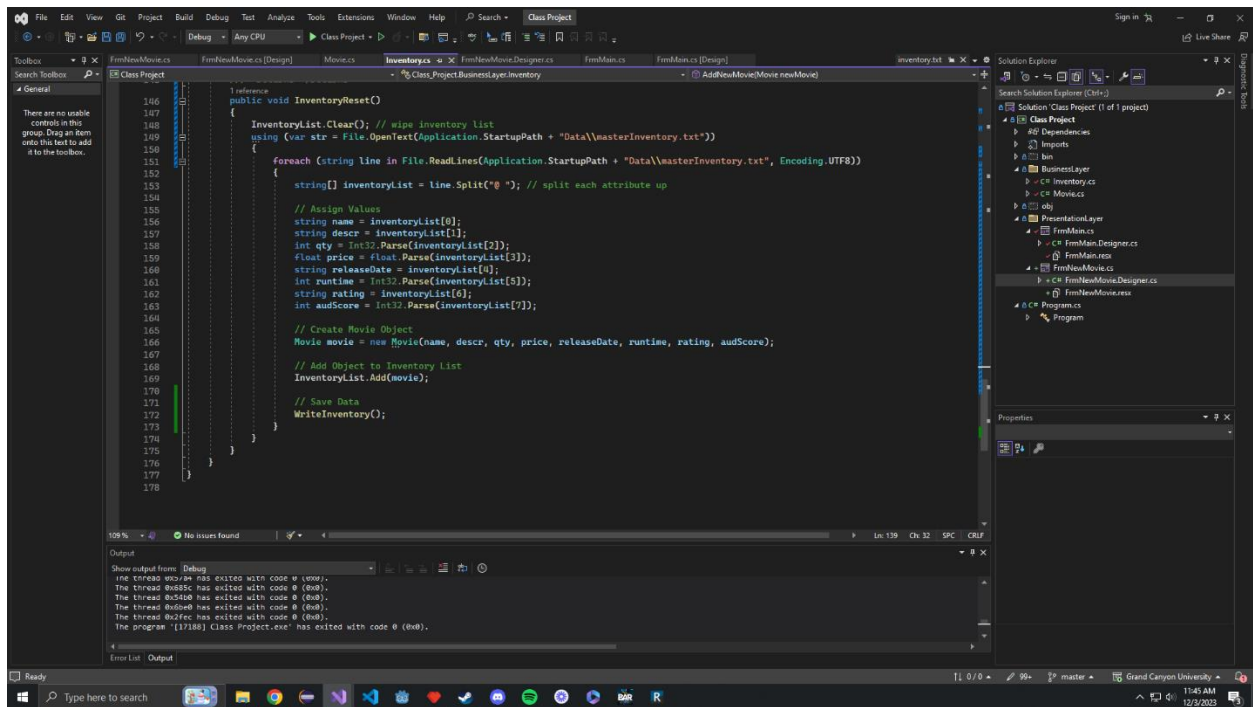


Inventory Class Code Screenshot 5



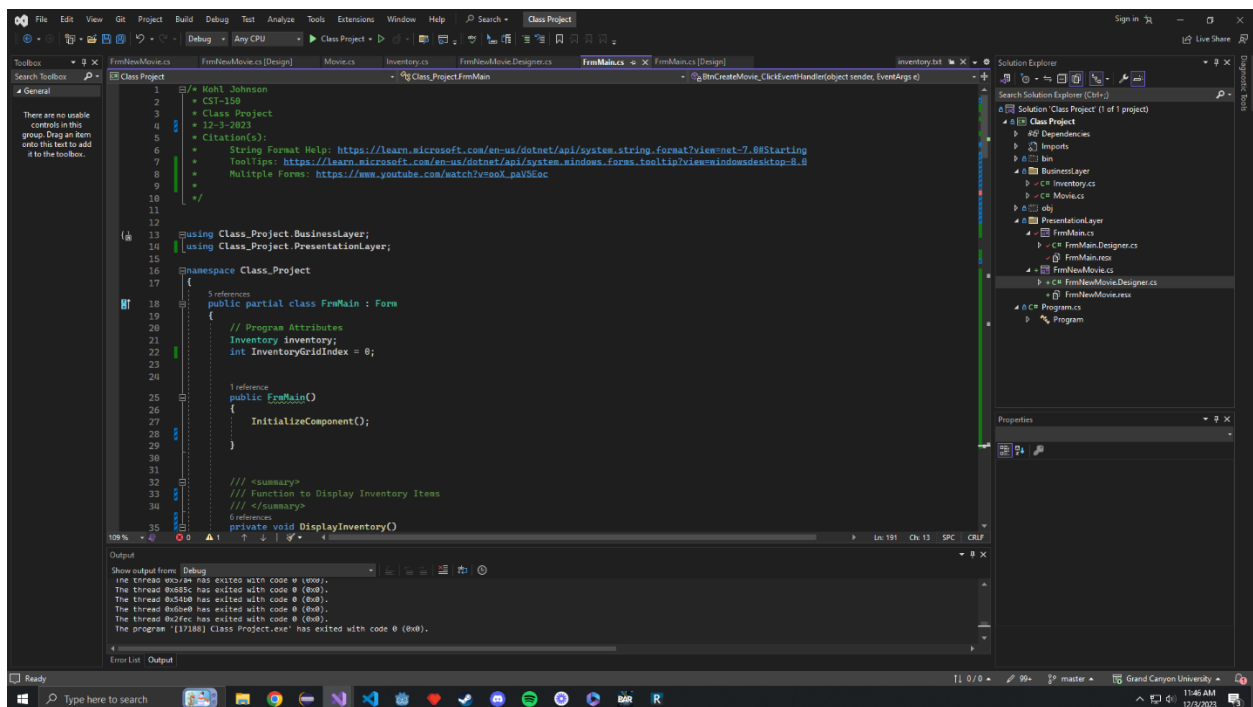
Shows the AddNewMovie method, which is used to add a new movie to the list and also updates the inventory text file. Also shows the InventoryReset method which is used to reset the inventory to default in case of mistakes.

Inventory Class Code Screenshot 6



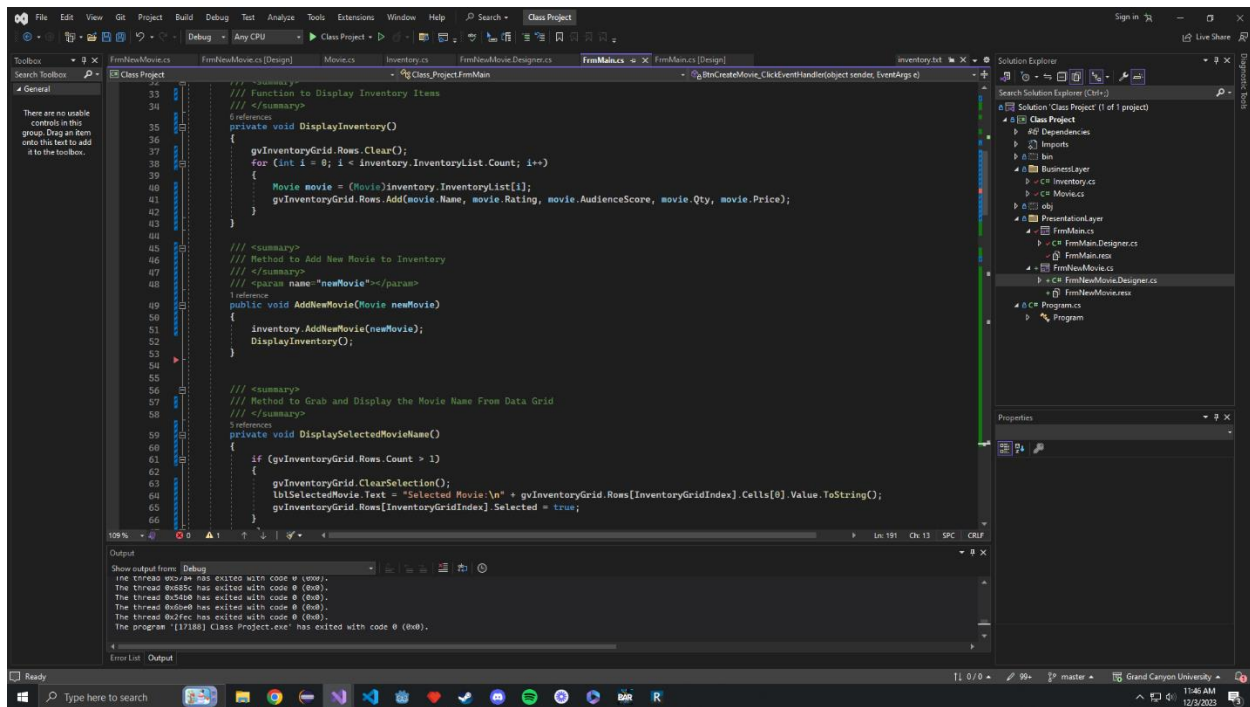
Shows the rest of the InventoryReset method.

Main Form Code Screenshot 1



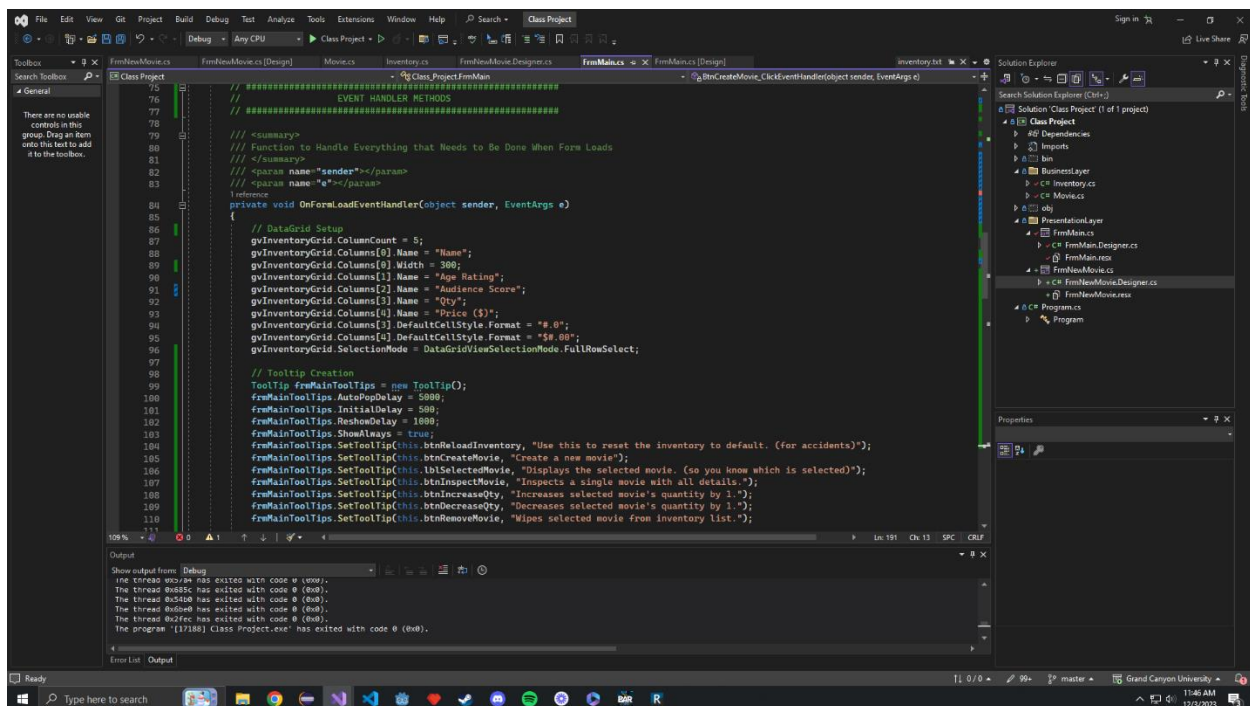
Shows the citation for FrmMain.cs

Main Form Code Screenshot 2



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

Main Form Code Screenshot 3



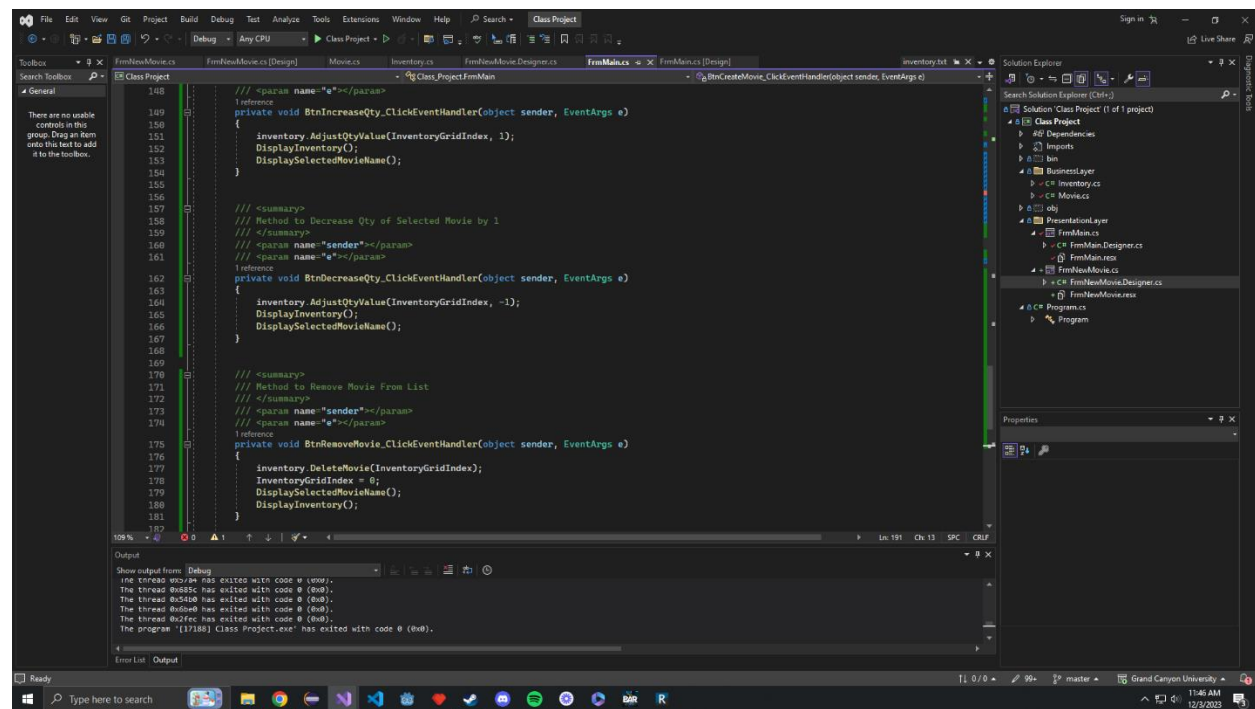
Shows the `OnFormLoad` event handler which sets up our program.

The screenshot displays the Visual Studio 2019 IDE with a C# project named "Class Project". The main code file, "frmMain.cs", contains the following C# code:

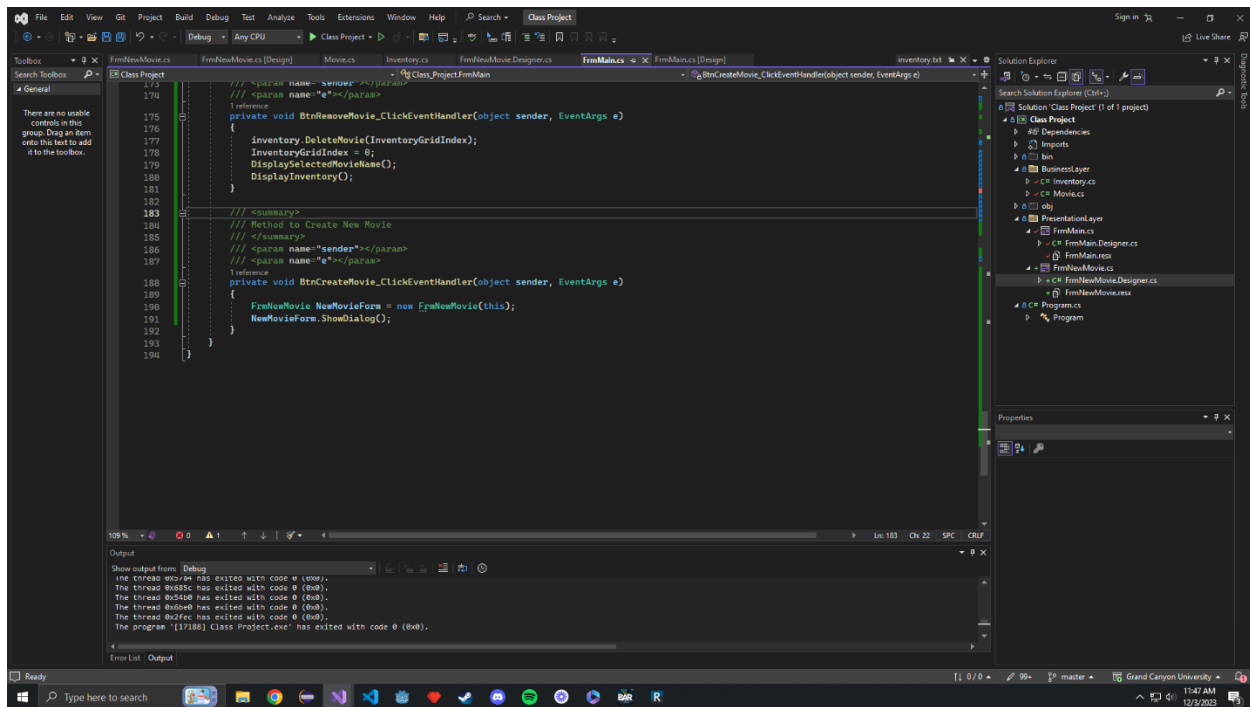
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110     }
111     }
112
113     /// <summary>
114     /// Method to Handle Reloading the Inventory
115     /// </summary>
116     /// <param name="sender"></param>
117     /// <param name="e"></param>
118     reference
119     private void btnReloadInventory_ClickEventHandler(object sender, EventArgs e)
120     {
121         Inventory.InventoryReset();
122         DisplayInventory();
123     }
124
125     /// <summary>
126     /// Method to Select a Row on Inventory Data Grid
127     /// </summary>
128     /// <param name="sender"></param>
129     /// <param name="e"></param>
130     reference
131     private void InventoryGrid_ClickEventHandler(object sender, EventArgs e)
132     {
133         InventoryGridIndex = gvInventoryGrid.CurrentRow.Index;
134         DisplaySelectedMovieName();
135     }
136
137     /// <summary>
138     /// Method to Increase Qty of Selected Movie by 1
139     /// </summary>
140     /// <param name="sender"></param>
141     /// <param name="e"></param>
142     reference
143     private void btnIncreaseQty_ClickEventHandler(object sender, EventArgs e)
144     {
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```

Main Form Code Screenshot 5

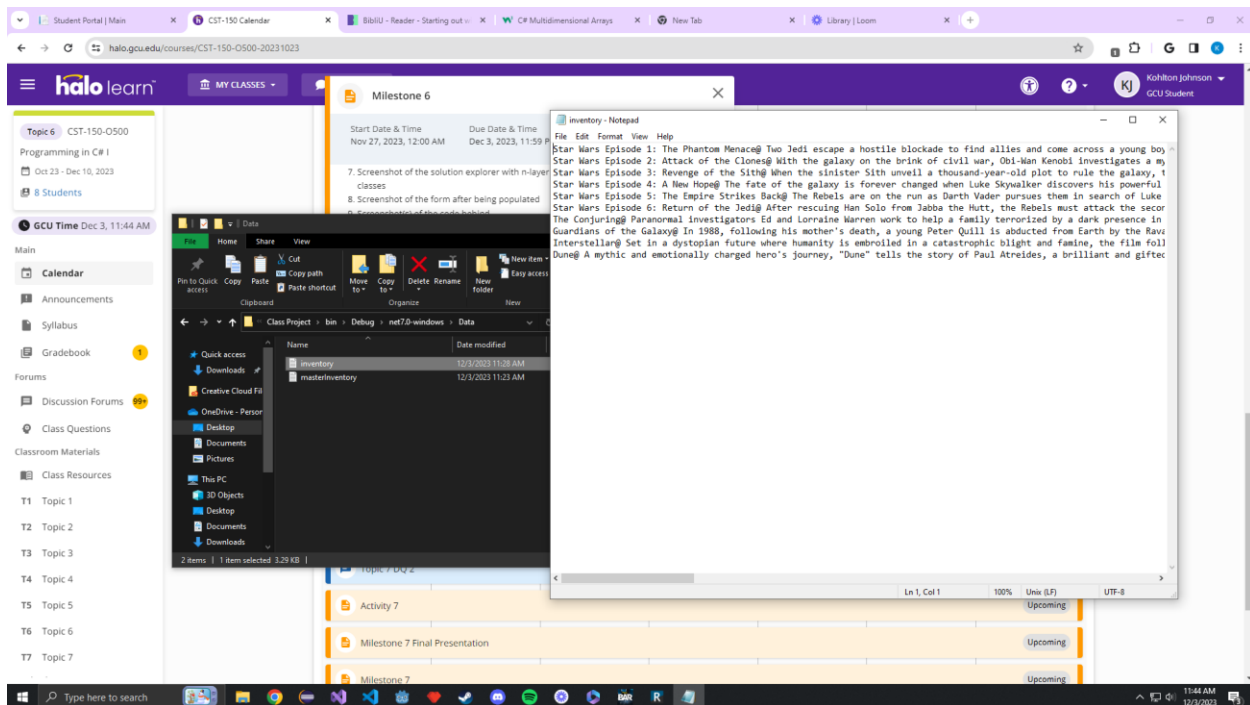


Main Form Code Screenshot 6



Shows the last of the button click event handlers.

Inventory Txt File Screenshot



Txt File used for inventory management.