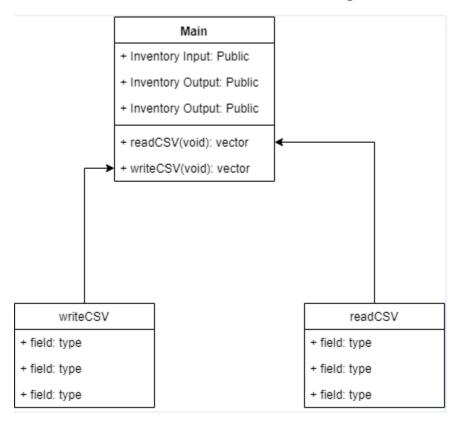
Final Project - COMP 182/L

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Inventory – This project contains external files that holds the inventory, and coming deliveries.

UML – Diagram



```
// ConsoleApplication1.cpp : This file contains the 'main' function. Program execution
begins and ends there.
//

#include "pch.h"
#include <iostream>
#include <stdio.h>
#include <vector>
#include <string>
#include <string>
#include <stream>
using namespace std;

struct Inventory // inventory structure
{
    string title;
    int count;
};
void writeCSV(string filename, vector<Inventory> pre_inv) //write CSV file
{
    fstream file;
    //writefile
```

```
index++;
}

}
else if (sign == "S") { //save result into result.csv file
    writeCSV("result.csv", total_inv);
}
else if (sign == "Q") return 0; // quit
}
```

The Output.

```
C:\Users\Rakan\CLionProjects\FinalProject\cmake-bu
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Inventories
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Input inventory title
Input inventory count
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Input inventory title
Input inventory count
```

```
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Inventories
Tables 10
Chairs 20
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Input inventory title
Input inventory count
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
```

```
Input inventory title
Input inventory count
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Inventories
Tables 10
Chairs 10
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Welcome to app
L -- List all inventories
A -- Add <title> inventory
D -- Remove <title> inventory
S -- Save inventory into result.csv
Q -- Quit
Process finished with exit code 0
```