



Deff GOAT's: User Stories

GOAT's: Mitchell, Mason, Kenneth, Tristan

#1

A store manager should be able to display a sales report and all relevant member information for any given day, in order to keep track of both revenue and customers on a day to day basis.

Assignee: Kenneth & Tristan

Estimation: 🐐 🐐 🐐

Priority: Mid

Completion Definition: The program includes a list of items/quantities sold on each day, as well as the names of members who shopped that day. It also includes the number of Executive and Regular members who shopped during that given day, and can display by membership type.

Tasks and Tests:

- Items and their quantities sold each day should be within a class, and should be accessed via pointers.
- Customers that have shopped each day should have their names stored within a vector.
 - Names should be displayed by membership type.
- There should be an automatic save, followed by a reset at the end of each day for both members and items.

#2

A store manager should be able to display all of a members purchases, so that they can keep track of a customer's lifetime purchases.

Assignee: Mason & Mitchell

Estimation: 🐐 🐐 🐐 🐐

Priority: Mid

Completion Definition: The program includes the total purchases for all members sorted by membership number (text file name). The retrieved information display includes a grand total of the purchases.

Tasks and Tests:

- Each member's file should be accessible by their membership number. (Text file will have to be read from and written to)
 - Their file should contain items they have purchased, as well as totals for the items.
 - Totals should instigate the next shopping visit.
 - Their file should contain the grand total of the purchases.

#3 - Baseline

Store managers should be able to display all relevant inventory and sales information for each item, in order to accurately keep tabs on which items are on, or going to be on sale.

Assignee: Kenneth & Mitchell

Estimation: 🍌

Priority: High

Completion Definition: The program includes the ability to display the quantity the quantity of each item (sorted by name and total revenue of each item).

Tasks and Tests:

- Command to display inventory/sales information of each item
 - Sorted by name of the item
 - Sorted by total revenue of the item

#4

Store managers should have access to the rebate of all of the Executive members sorted by membership number, in order to both neutralize potential disputes and keep track of which customers have pending rebates.

Assignee: Mason & Tristan

Estimation: 🍌 🍌

Priority: Low

Completion Definition: The program displays the rebate of all the Executive members sorted by membership number.

Tasks and Tests:

- Assuming all of #1 is complete, rebate should be kept at either the top or bottom of the same text file.
 - Rebate should be able to be changed (Text file will have to be read from and written to)

#5

A store manager should be able to enter a month to obtain all members whose membership expires that month and the cost of renewal.

Assignee: Kenneth & Mitchell

Estimation: 🐼 🐼 🐼

Priority: Low

Completion Definition: The program displays a prompt for the month input and outputs the members whose memberships expire in that month as well as the cost to renew their membership.

Tasks and Tests:

- Input from the user to enter the month
- Check the month of all membership that ends during that month
- Display the members who membership expire that month
- Display the cost to renew their membership

#6a

Any tester will be able to create purchases for new members so that they can verify the integrity of the software.

Assignee: Mason & Tristan

Estimation: 🐼 🐼 🐼

Priority: High

Completion Definition: The program has the ability to create standard purchases for new, temporary members.

Tasks and Tests:

- Temporary members should be given their own temporary number (T#####)
 - Special format for file
- Temporary members should be given purchases that act the same as a regular purchase
 - Only difference should be name of the file

#6/7

Administrators should be empowered to add/delete Bulk Club members from the Bulk Club, as well as items from the inventory list, in order to keep the Bulk Club and it's items up to date.

Assignee: Kenneth & Mitchell

Estimation: 🐼 🐼 🐼

Priority: High

Completion Definition: The program takes administrator input to add or delete members as well as adding items (based on corresponding price) or deleting items.

Tasks and Tests:

- Input from a administrator
- Ability to add or delete members
- Ability to add/delete items
 - Based on corresponding price

#8

Store management will be able to a enter an item name and display the amount of a specified item that has been sold as well as the total revenue of the item.

Assignee: Mason & Tristan

Estimation: 🐼 🐼 🐼

Priority: Low

Completion Definition: The program takes the name of an item and displays the quantity of that item sold along with the total revenue generated by that item.

Tasks and Tests:

- Display the total quantity of an item that has been sold
 - Display the total revenue generated by the item
 - Should be carried out through an item text file

#9

Store managers will be able to enter any membership number or name and be able to display the total purchases for that member.

Assignee: Kenneth & Mitchell

Estimation: 🐼

Priority: Mid

Completion Definition: The program takes the membership number or name of the member and display the total purchases of that member

Tasks and Tests:

- Display total purchases of that member
- Command for the user input
 - Option for membership number or member name

#10/11

An administrator should be able to easily determine whether customers should change their club status, so that they can quickly solve problems provided by Bulk Club members.

Assignee: Mason & Tristan

Estimation: 🐼 🐼

Priority: Mid

Completion Definition: The program allows managers to determine whether members should change their Bulk Club status.

Tasks and Tests:

- Find a way of determining the benefits of changing Bulk Club Status
- Based on the system, give a boolean answer as to whether or not customers should change their status.

#12

Store managers, as well as administrators, will be required to use a login when attempting to access the program, in order to prevent non-club personnel from gaining access to it's features.

Assignee: Kenneth & Mitchell

Estimation: 🐘 🐘

Priority: High

Completion Definition:

Tasks and Tests:

- Create a username and password based login
- Depending on username, gives certain permissions to the user logging on
 - admin: gives administrative permissions
 - (manager first name initial, last name, M ie. {tligtvoetM}) : gives manager permissions
 - (club-member first name initial, last name ie {tligtvoet} : gives access to club-member permissions

#13

Software should save all program changes between executions.

Assignee: Mason

Estimation: 🐘

Priority: High

Completion Definition: The program will save all changes in between executions

Tasks and Tests:

- Saved into their proper file by default
 - Change the data inside the file (rewriting the file)

#GUI

As a user of the program, I should be able to use a GUI in order to easily navigate the program, in order to create a fluid experience.

Assignee: Tristan, Mitchell

Estimation: 🍌 🍌 🍌 🍌 🍌

Priority: High

Completion Definition: All visual elements are correctly linked with corresponding code and are properly formatted.

Tasks and Tests:

- Creating GUI to match the class organization
- Aligning all visual elements
- Linking visual components to corresponding code

CODING STANDARDS:

<https://google.github.io/styleguide/cppguide.html>

“Use common sense and *BE CONSISTENT*.

If you are editing code, take a few minutes to look at the code around you and determine its style. If they use spaces around their if clauses, you should, too. If their comments have little boxes of stars around them, make your comments have little boxes of stars around them too.

The point of having style guidelines is to have a common vocabulary of coding so people can concentrate on what you are saying, rather than on how you are saying it. We present global style rules here so people know the vocabulary. But local style is also important. If code you add to a file looks drastically different from the existing code around it, the discontinuity throws readers out of their rhythm when they go to read it. Try to avoid this.

Note: public then private

```
Class Name : public MainName {  
    Public:  
        ... //description of ... if it isn't a get/set function  
        ... //  
    Private:  
        ... //  
        ... //  
}
```