User Stories

Group: byteMe

1 Story Point = 30 minutes of coding for a single developer

#1: Description: As an administrator or manager, I want a user-friendly interface for both a regular and executive member. It must give options for adding/deleting members or items, displaying and sorting members and items.

Assignee: Carissa, Kaila, Dessery

Priority: 3

Story Point: 6

Tasks:

1. Menu to display options
2. Allow user to navigate through options at ease
3. Clickable links

Tests:

1. If easy to navigate through
2. Invalid inputs
3. Ensure that everything is linked to where it needs to be

Definition of Done: A functioning user friendly menu with clickable links opposed to typing in options. Also have a variety of menu selection items such as deleting/adding items, members; searching and sorting through lists of members and purchases with a member id or date.

#2: Description: As an administrator, I want to be able to know the rebate amount according to my membership status. I also want to know how much the annual membership type costs me.

Assignee:Kaila

Priority: 8

Story Point: 3

Tasks:

1. Create a menu with details on each membership type
2. Have link to see how much current rebate amount is.

Tests:

1. Have error check for wrong member id entered.
2. Have error check for wrong member name entered

Definition of Done: Have a user friendly interface that is branch from the main menu where you can search for a name or member ID to see current rebate amount.

#3: Description: As a user I want to be able to add new members into the system with their info attached to it. The info I should be able to attach to each new member is: the member name, member ID number, membership type, and expiration date. I also want to be able to read in five sale files for each member that contains the information of what products were bought that day, but I don’t want to read in more than 100 sales per file.

Assignee: Carissa, Eric

Priority: 1

Story Point: 10

Tasks:

1. Have an option on menu to add new member
2. Have an option to read in file or keyboard input
3. Have a 100 max products bought per file

Tests:

1. Error check for blank input, replace with N/A
2. Check if 100 max products works
3. Check if read in functions work properly with any filename

Definition of Done: Have a user friendly interface that allows a user add new members into the system with ease. Be worry free about not having a certain piece of info for the member.

#4: Description: As a user I want to be able to read in files and update the data that is already saved. I want to be able to update the rebate and total amount spent.

Assignee: Eric

Priority: 4

Story Point: 5

Tasks:

1. Make menu option to read in new files
2. Make it possible to update the data into already existing files
3. Make it possible to print current rebate amount and total amount spent

Tests:

1. Error check for files not existing
2. Check if file does actually save

Definition of Done: Have a menu option to read in a new files and have it update to the already existing files that correspond to the new items.

#5: Description: As a user I want to be able to print different reports based on the date that I type in. I also want to be able to search reports with a specific member type I enter. I want the report to have a list of items and quantities sold that day, the names of the members who shopped that day (and member types), and the total revenue for the day.

Assignee: Eric, Dessery

Priority: 7

Story Point: 5

Tasks:

1. Make a menu for the method to search for a report (by date or member type)
2. Error check for if date is found or not
3. Be able to print the report to screen or file

Tests:

1. Check if error check is working
2. Check if all of info is present on the report

Definition of Done: Have a working menu where you can search for daily reports by entering a date or member type.

#6: Description: As a user I want to be able to print out a report that has total purchases organized by membership ID number (including grand total). I also want to be able print a report that has the quantity of the items sold, sorted by the item name (including total revenue for each item). I also want to be able to print a report that prints the rebate of all executive members sorted by membership ID number.

Assignee: Eric, Carissa, Brian

Priority: 5

Story Point: 5

Tasks:

1. Make a menu for different types of reports
2. Make it possible to print to screen and file

Tests:

1. See if the entire contents of the lists are there
2. Check if they are sorted properly

Definition of Done: Have a menu that gives options to print different reports sorted according to the user’s preference.

#7: Description: As a user I want to be able to enter a month and get a list that shows all of the members whose memberships expire that month as well as the cost for them to renew.

Assignee: Kaila

Priority: 9

Story Point: 3

Tasks:

1. Create a menu option that allows the user to type in date
2. Have an error check for the wrong date input or nonexistent date
3. Be able to print report to screen and file

Tests:

1. Check if invalid date input works
2. Check if read in file works

Definition of Done: Have a menu option that allows user to type in a date and get a list back that shows the members who have expired memberships and how much it would be to renew. Also have it capable to print to screen or file.

#8: Description: As a user I want to be able to delete and add members or items. I want to be able to do this by typing in the member name or ID number or the item price. To validate the new member, I want to create purchases for them.

Assignee: Carissa, Eric

Priority: 2

Story Point: 9

Tasks:

1. Make a menu option to delete member or item
2. Make a menu option to add member or item
3. Make it possible to validate member with purchases

Tests:

1. See if the members and their contents are deleted completely
2. See if the member was added and validate them
3. See if the entire item and its quantities were deleted or added

Definition of Done: Have menu options that allow user to delete or add items or members to the list of data. And be able to validate the new members with a purchase added in to their info.

#9: Description: As a user I want to be able to enter an item name and get the quantity of that item sold as well as the total revenue for the item. I also want to be able to enter a membership number or member name and get a list of the item and total purchases per that member.

Assignee: Dessery, Eric

Priority: 6

Story Point: 5

Tasks:

1. Make menu option to search for a member or item
2. Be able to print the list that corresponds to the member or item
3. Be able to print to screen or file

Tests:

1. Error check for wrong member name or item
2. See that all of the contents of that list are being given

Definition of Done: Having a menu option to search for a member or item to have a list of their corresponding items printed with them, including the total revenue or total purchases.

#10: Description: As a user I want to be able to determine if a member who is currently a regular type should upgrade to Executive type, or if a executive type should degrade to a regular type.

Assignee: Brian

Priority: 10

Story Point: 1

Tasks:

1. Have menu option to check if certain member should upgrade or degrade
2. Be able to determine this by typing in member ID or name

Tests:

1. Test two types of members who need to upgrade
2. Test two types of members who need to degrade

Definition of Done: Have a menu option to see what users should upgrade or degrade based on their information.