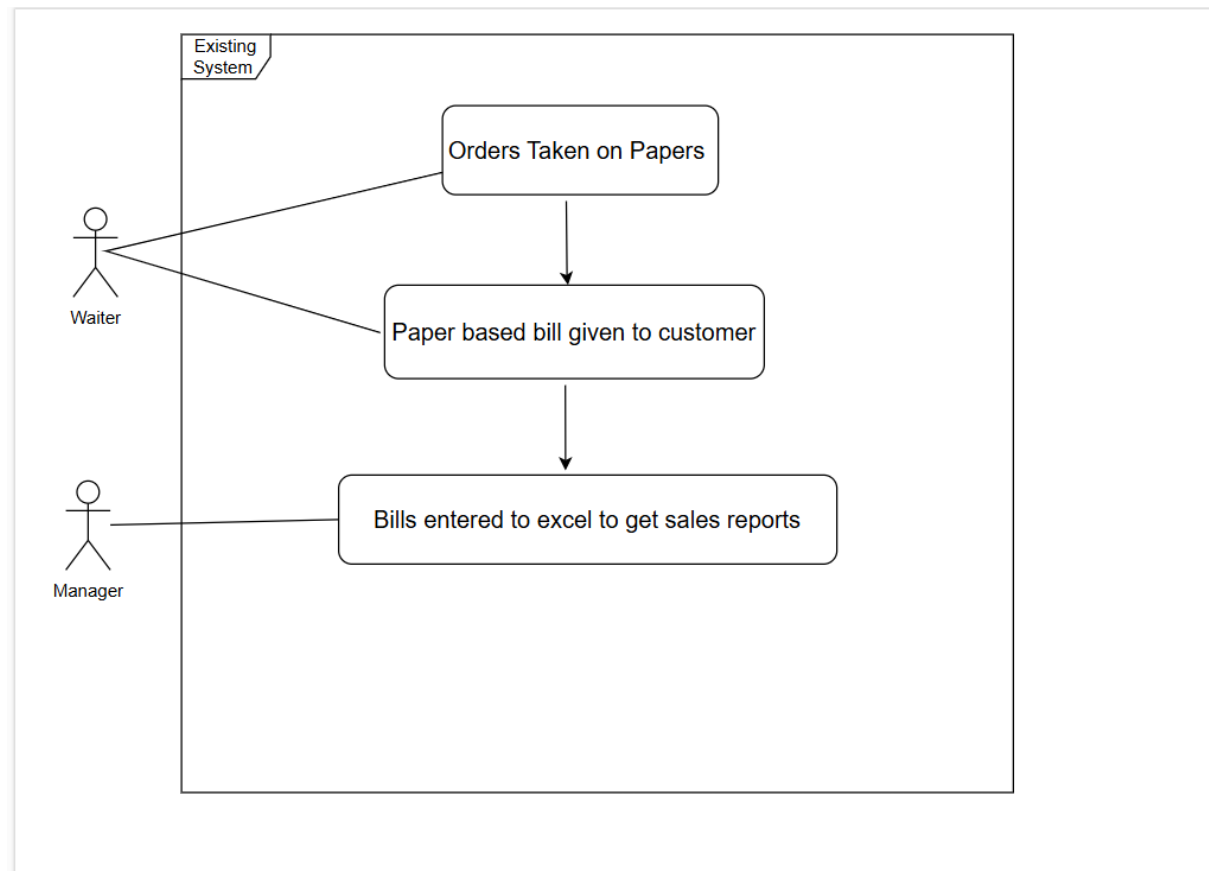

Restaurant Management System

Course-end Project 3

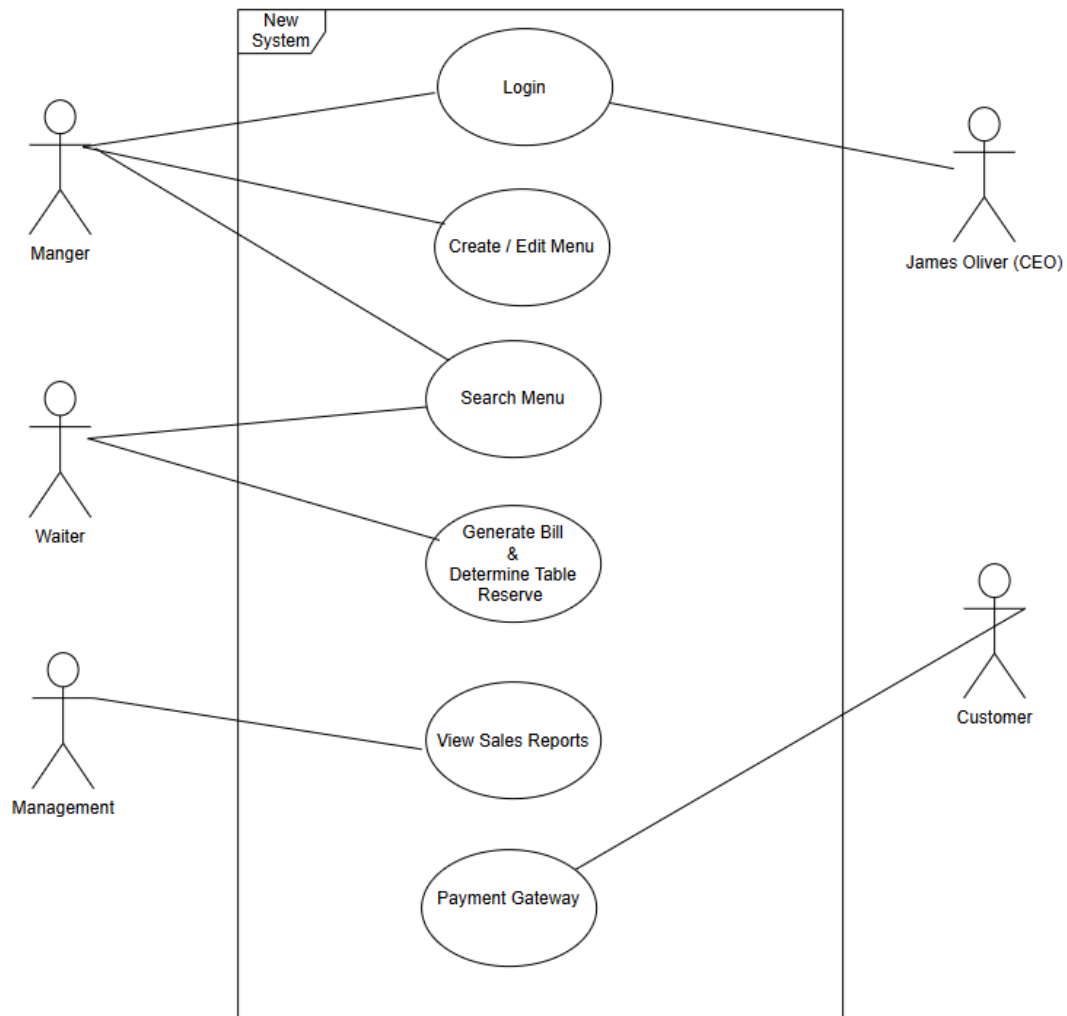
Stakeholders:

ACTOR:	What they can do on the software created
Managers	Create New Menu Edit Menu Add New Item Delete Item Search Item Reserve Tables Feedback should be added into system
Waiters	Search Item Generate the bill table wise Determine which table need to be reserved
Management	View Sales Reports
James Oliver (CEO)	Login access Change Password Facility

Existing System:



Future System:



Scope of the Restaurant Management Software:

1. Login Access to Managers, Waiter, Management, CEO
2. Create / Edit Menu categorize wise only with prices by Managers only
3. Reserve Table
4. Waiter should have access only to search menu, generate bill table wise.
5. The system should be able to reserve tables
6. This reservation would be done by managers only
7. Generate Reports
8. Enter feedback details into system
9. Payment Gateway
10. Change Password facility

In Scope:

1. Login access to Manager, Waiter, CEO, Management.
2. Create Menu
3. Edit Menu
4. Add item
5. Delete Menu
6. Search Menu
7. Reserve Table
8. Sales Reports View
9. Change Password Facility
10. Payment Gateway Cash / Card.
11. System generates bill
12. Feedbacks can be entered manually into system.

Out of Scope:

1. Except manager others cannot create / edit menu
2. Except manager others cannot add / delete items.
3. Items cannot add without price
4. Items cannot add separately, it should be in categorized

Functional Requirements:

1. Create Menu
2. Edit Menu
3. Generate bill
4. Reserve Table
5. Enter feedback into system
6. Add/ Delete Item

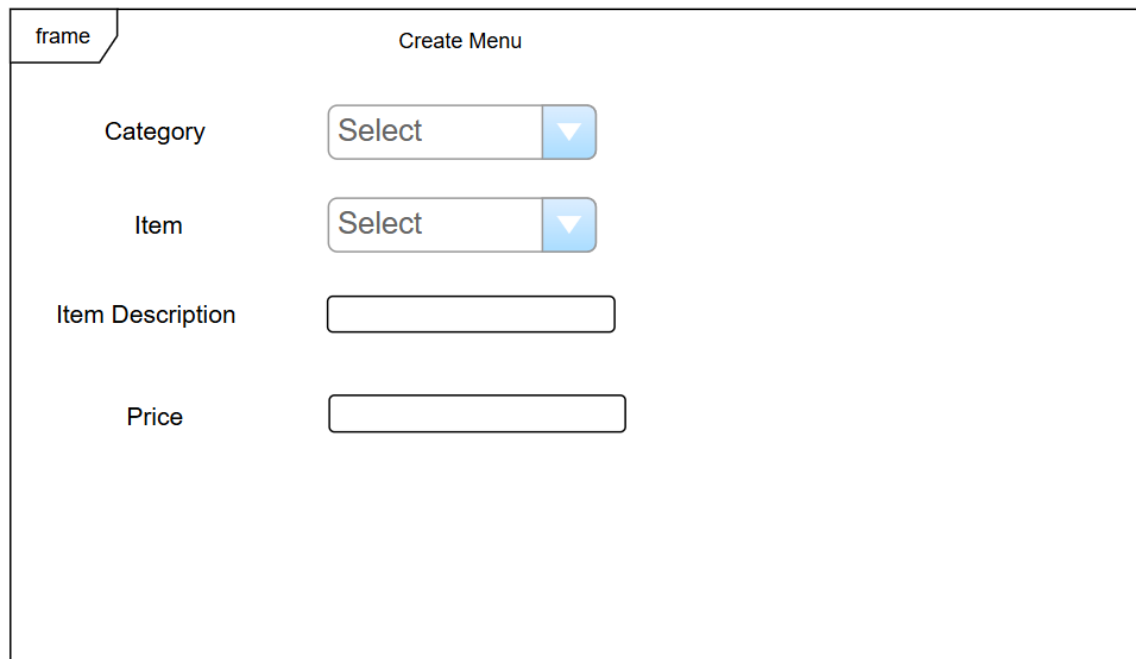
Non-Functional Requirements:

1. Every item in the menu stored should be categorized into any one of the heads. Each item should be saved in the system along with its price. For example, Green Thai Curry - price \$12, Pasta – \$10 and so on.

Environments:

We are going to be creating and maintaining the program in Java. We chose Java because it will not change much over time, and if we make it well, there will be very little maintenance to be done on the code.

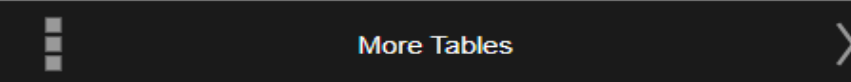
Wireframes: Menu Creation:



The wireframe shows a form titled "Create Menu" within a window labeled "frame". The form contains four input fields arranged vertically:

- Category:** A dropdown menu with the text "Select" and a blue downward arrow.
- Item:** A dropdown menu with the text "Select" and a blue downward arrow.
- Item Description:** A standard text input field.
- Price:** A standard text input field.

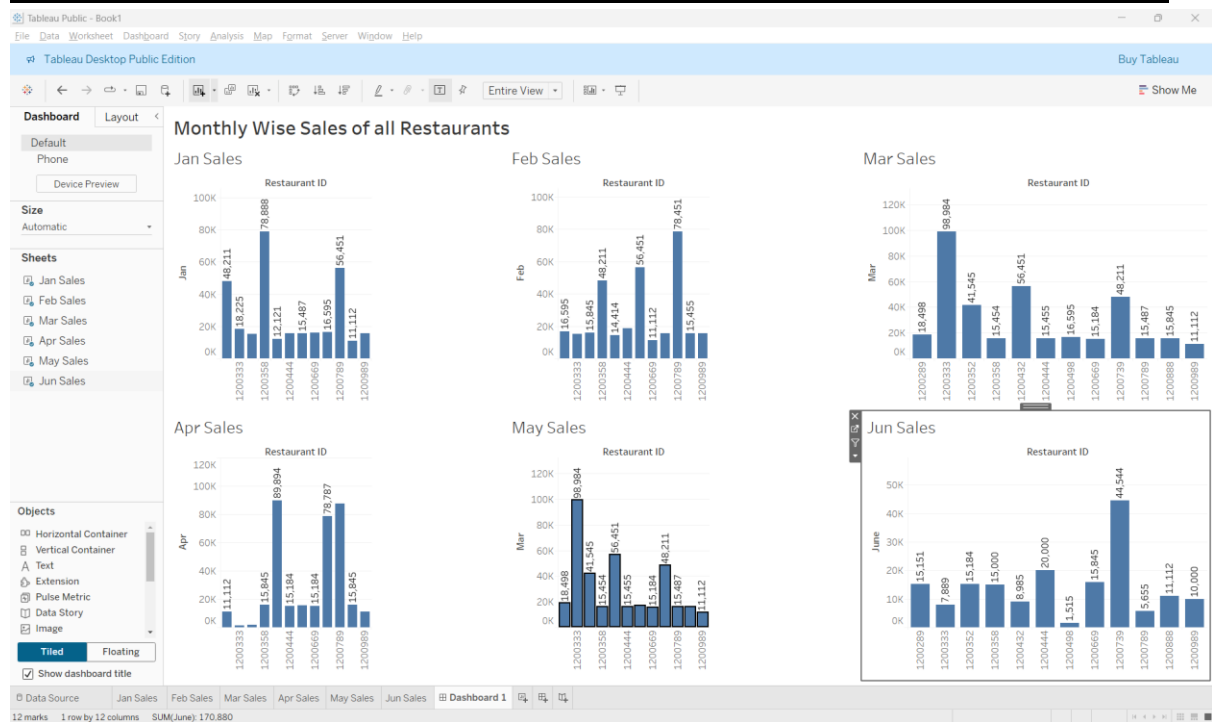
Wireframes: Table Creation:

Table Reservation		
Table 1 Filled	Table 2 Available	Table 3 Available
Table 4 Available	Table 5 Filled	Table 6 Available
Table 7 Available	Table 8 Available	Table 9 Filled
<div>  </div>		

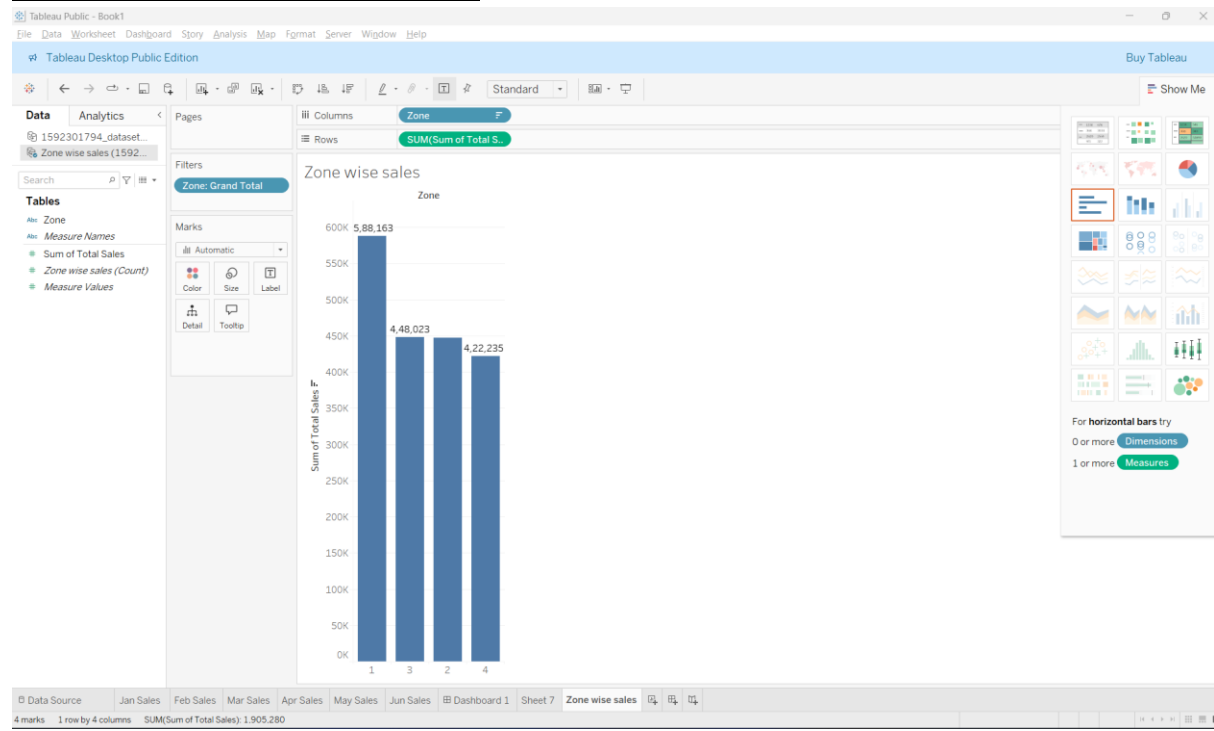
User Stories, Acceptance Criteria:

US Ref	PS	AC	Priority	Sprint
US1	As a Manager I need to able to create the menu So that I can ensure right menu is available for ordering	AC01: Allow to create new menu items AC02: Allow to use of existing menu items AC03: Once I select items for a day, it should be able to publish it to waiters , customers	1	1
US2	As a Manager I need to able to add prices to every item So that I can ensure all the items is available with prices	AC01: Allow to add prices for all items	2	2
US3	As a Manager & Waiter I need to able to search every item in menu So that I can check all the available items in menu	AC01: Allow to search items in menu	2	2
US4	As a Waiter I need to able to generate bill table wise So that I can provide system generated bills to customers to collect payments	AC01: Allow to generate bill table wise	1	2
US5	As a Management I need to able to view sales reports product wise, day wise, etc., So that I can analysis sales reports	AC01: Allow to view sales reports product wise, day wise to analyze sales reports	2	2
US6	As a Manager, Waiter & CEO I need to able to Login the software So that I can access the Software	AC01: Allow to Login to access it	1	1
US7	As a Manager I need to able to enter the Feedback data into system So that I can update all customers feedback &	AC01: Allow to enter feedback data into system	3	3

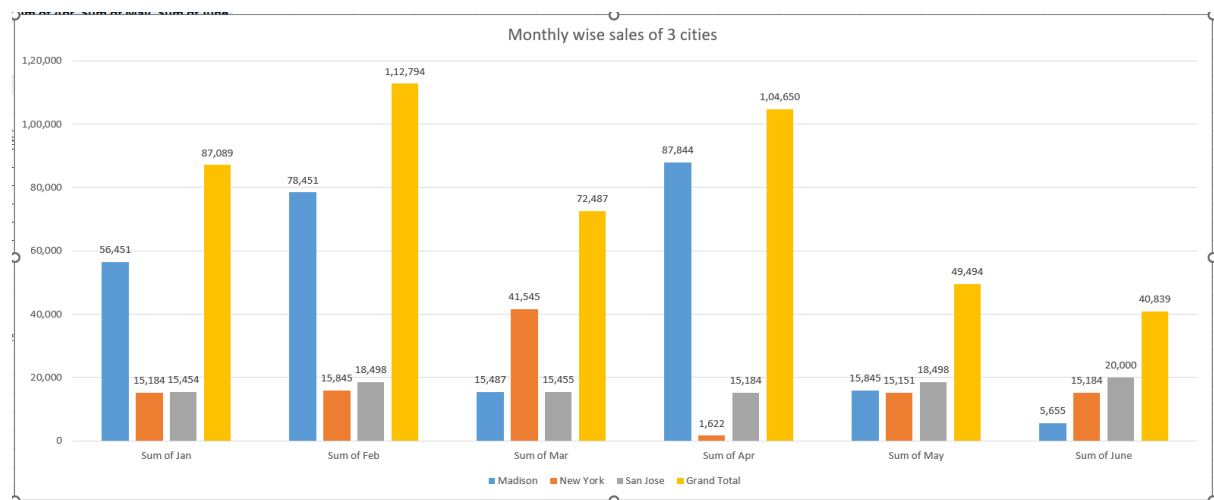
Dashboard for Monthly wise sales of all restaurants for the last six months:



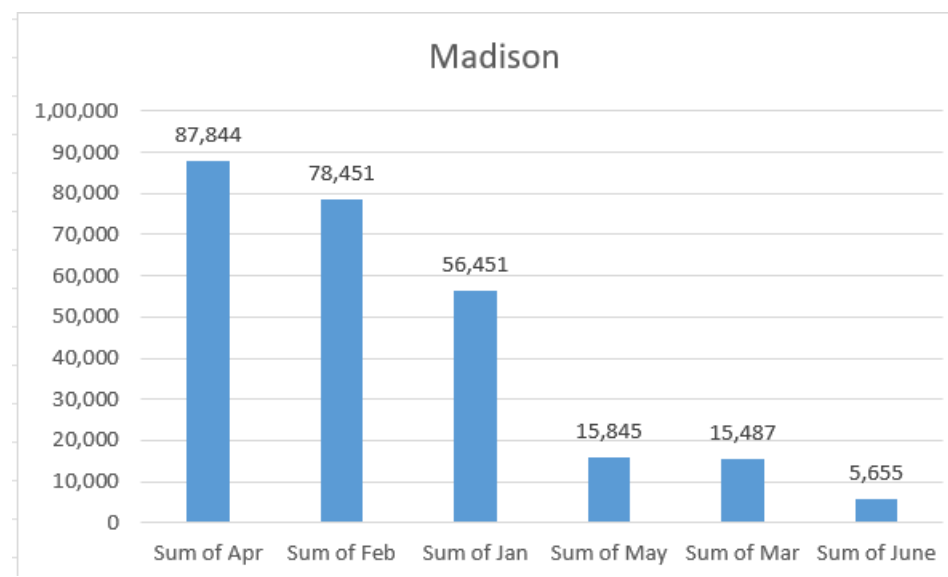
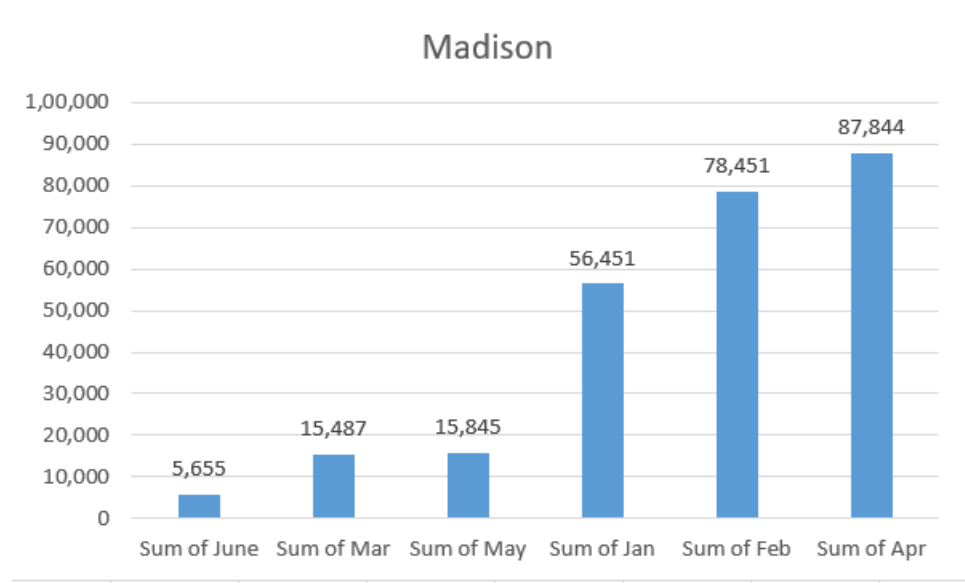
Dashboard of Zone wise sales:

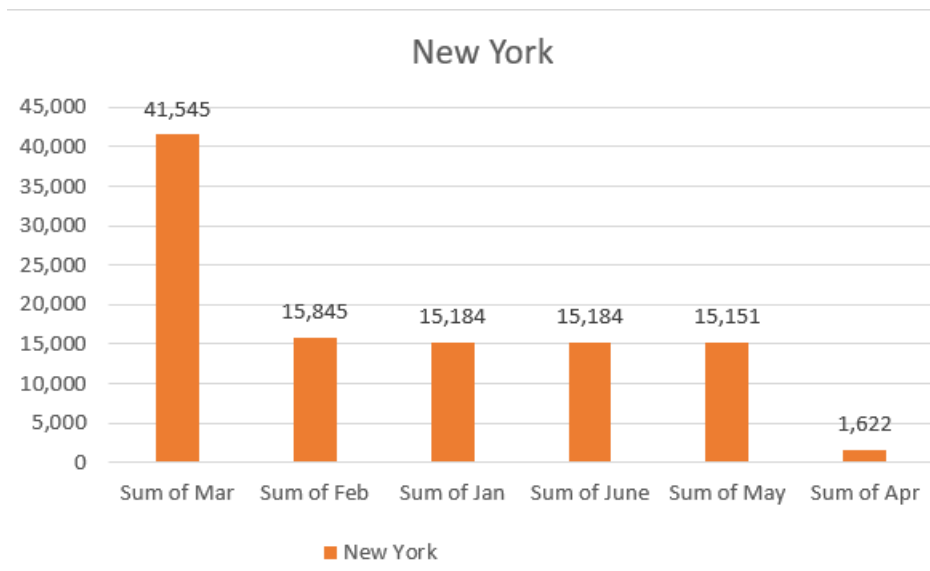
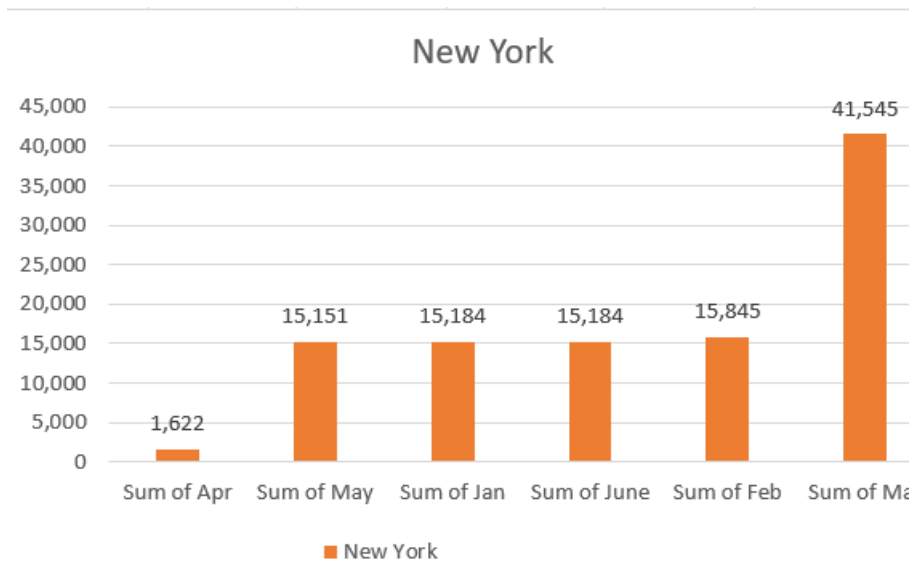


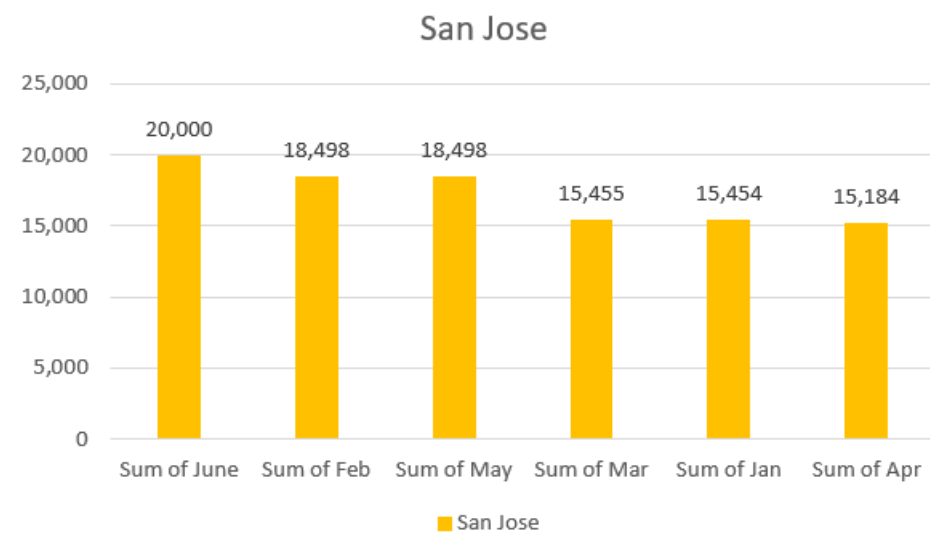
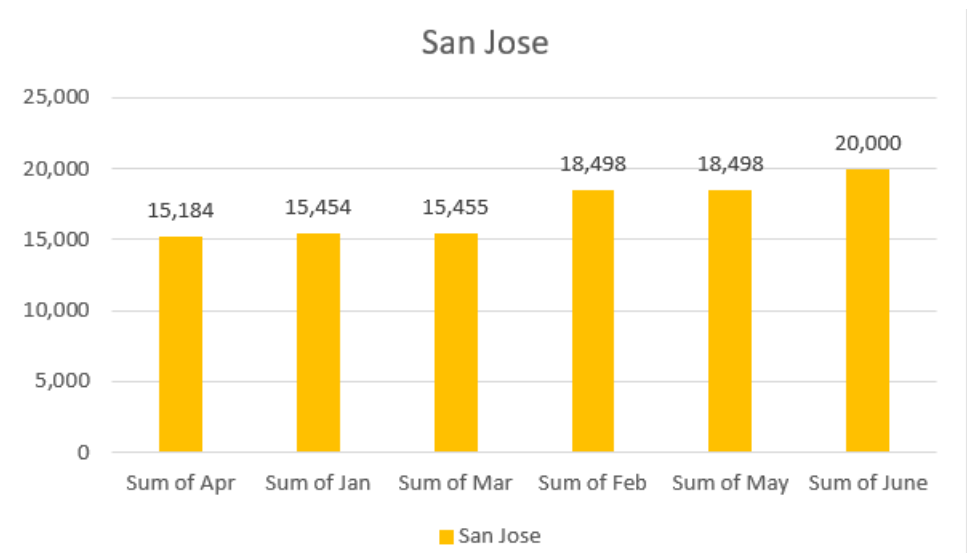
Bar graph for San Jose, Madison, and New York showing the sales:



Arranged the data above in excel in an ascending and descending order for each city:







1. In the below chart for restaurant ID 1200789, shows the sales for the month of June

3. In the above chart for restaurant ID 1200352, Shows the sales for the month of January

[illegible]