**Name: Babalpreet**

**ID: 3157654**

**Title: Bar and Hotel Management**

**Task 1 - Identify the problem**

**Call Discussion with Client: Balraj**

I am writing the matter call record with Balraj. He has his Bar and Hotel business. he needs a software to maintain the records in the hotel. He wants to maintain all the parts in his business where he is facing so many problems to maintain the record. he always wastes so much time to find the maintain record on manually. so he has to face so many difficulties to maintain the record for future. So he needs an application for the record maitence.

**Task 2 - Define and document requirements**

Scope of Work

*Features: I am going to create software of on Bar and Hotel. Which will be fully automated and balraj can maintain and store the data for future. He can see all the customers and Items through this application online. This application would be fully secure. Data will be saved in the future efficiently. And no unauthorized person can make changes in it. So Application would be very effective and efficience.*

*Functional Requirements: Demanded requirements by end user:-*

1. *He wants wine module save update and delete and list of wine to view.*
2. *Then he wants food categories module in the software.*
3. *He wants Food items module in the software.*
4. *He wants the record of price of food.*
5. *He wants login and logout facility in the software.*

*Non-functional requirements:*

1. System should be secure.
2. System should be portable.
3. Performance of system should be good.
4. System should be flexible.
5. System should be reliable.

Time: It will take minimum 20 days to complete.

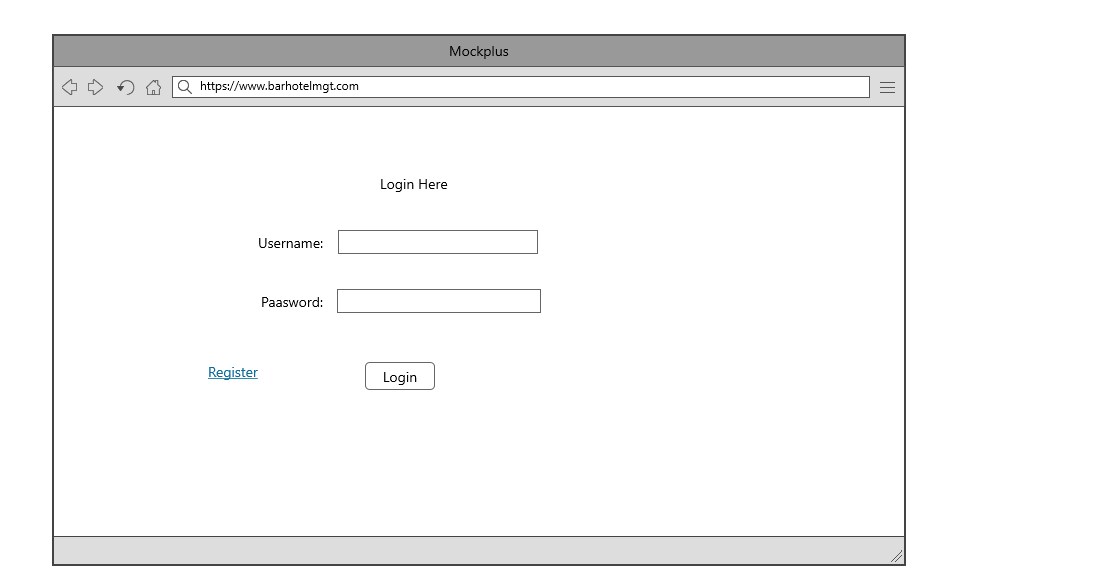
The 4 essential steps of the Risk Management Process are:

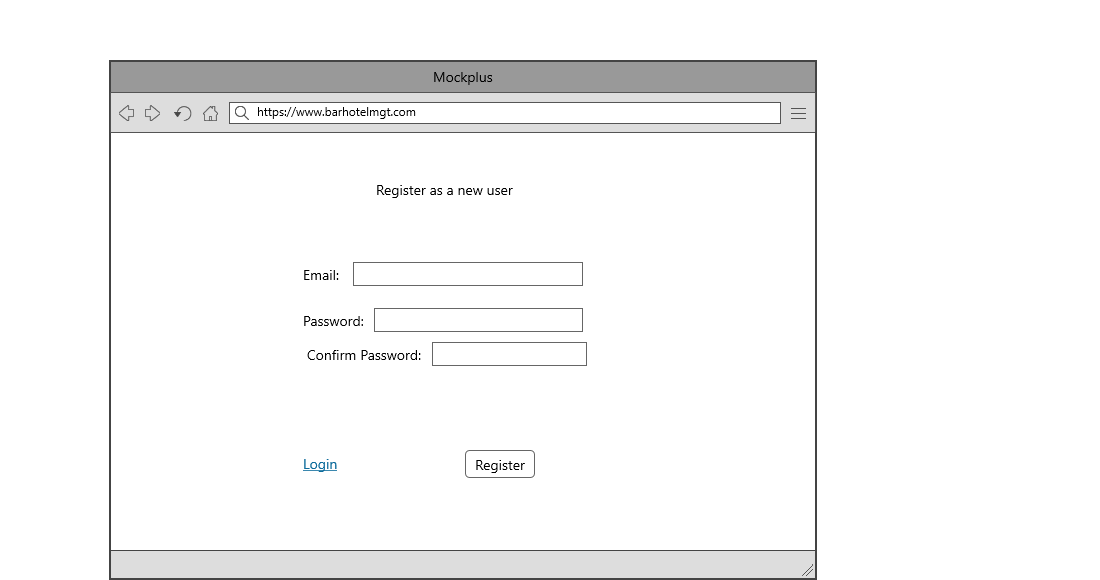
1. Identify the risk.
2. Assess the risk.
3. Treat the risk.
4. Monitor and Report on the risk.

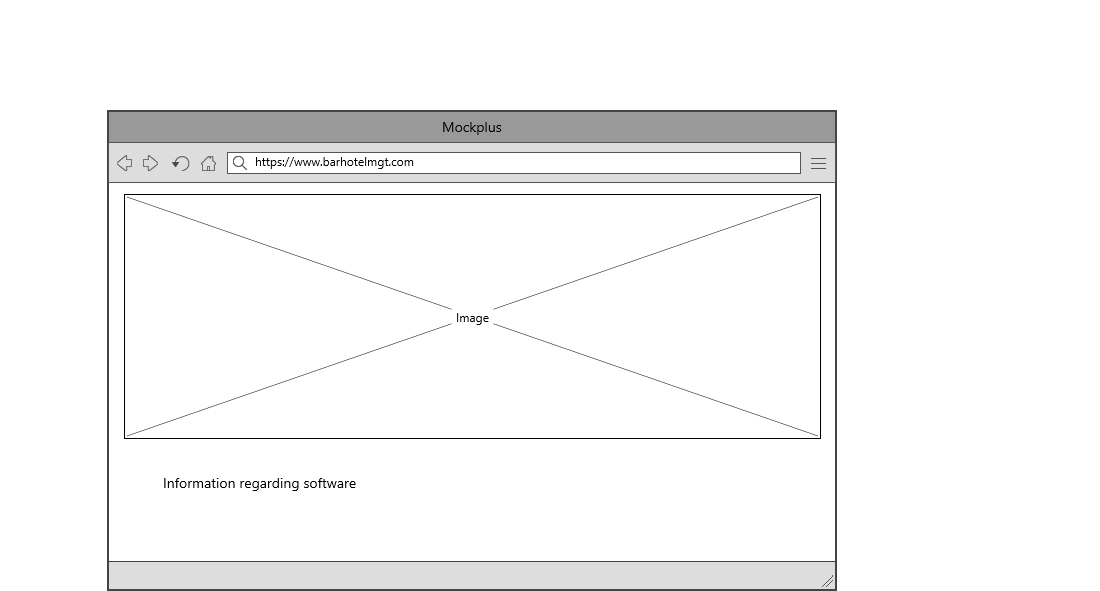
Project management:- Project management is the application of processes, methods, skills, knowledge and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters. Project management has final deliverables that are constrained to a finite timescale and budget. We are going to use SDLC Pattern for creating the project. We will write the completed task history in client forms.

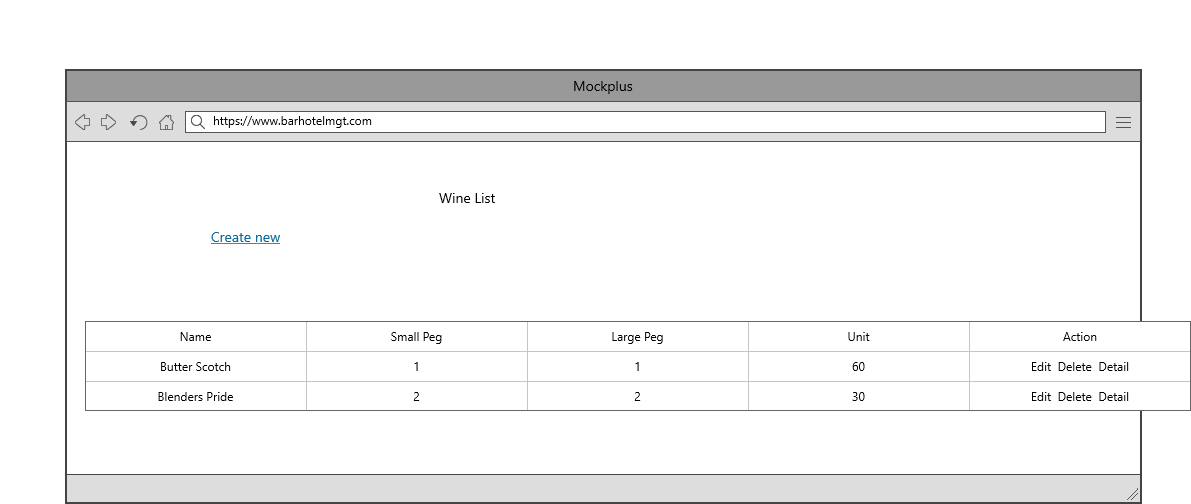
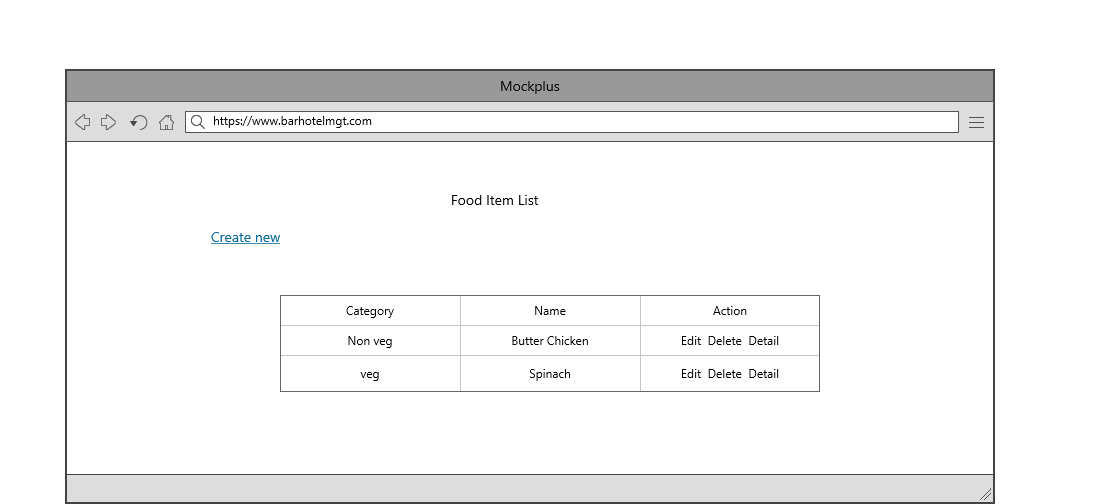
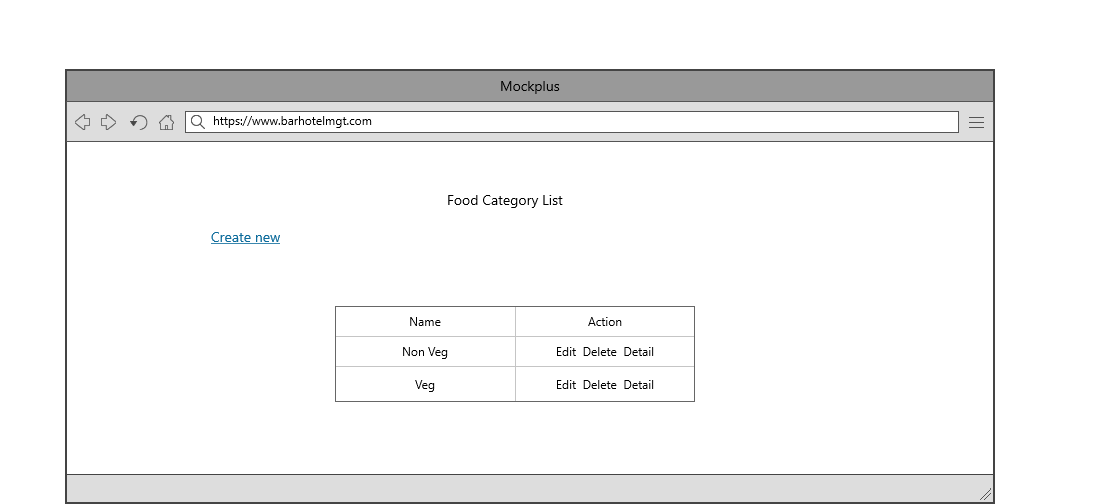
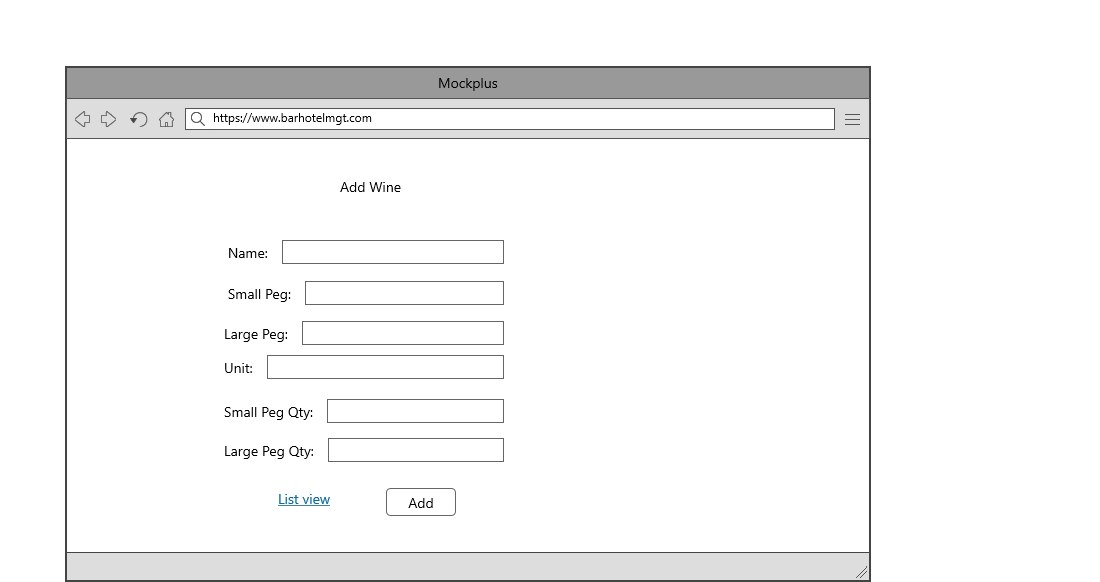
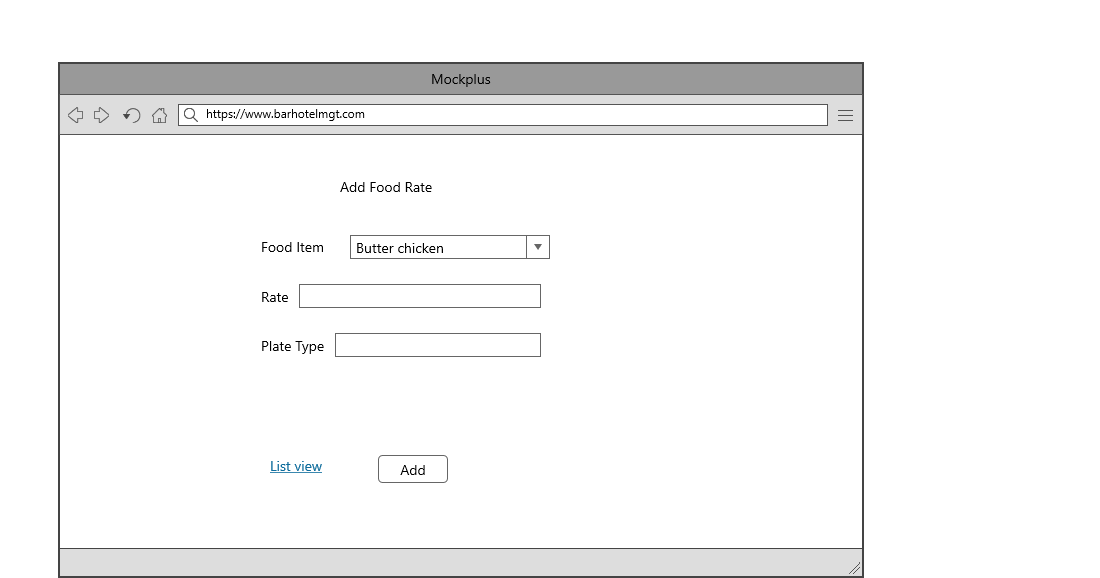
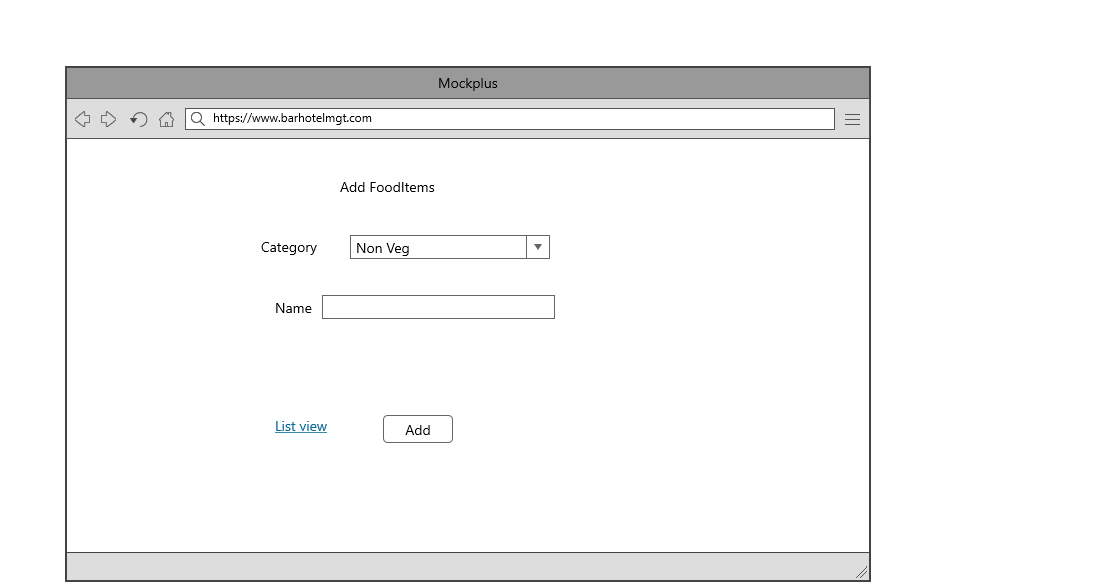
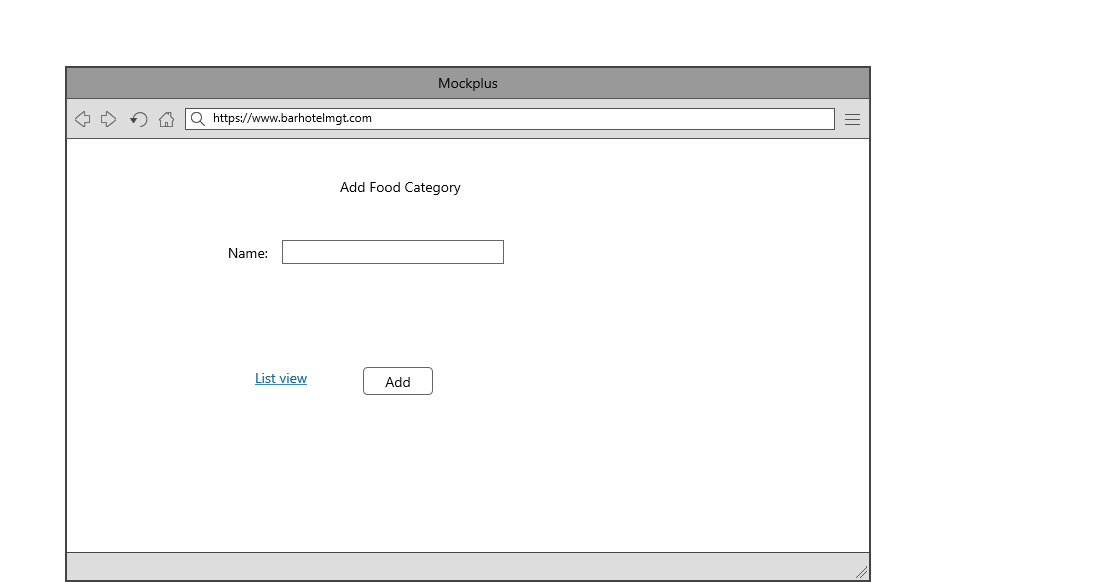
Cost: $500

**Task 3 - Design mockups**









## Task 5- usability testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **User #** | **Login form** | **Food Category form** | **Food Items Module** | **Pass / Fail / Not executed / Suspended** | **Reviews** |
| Balraj | completed as expected | Role based is good | As Expected perfect | Pass | All modules are ok |
| Babal | might be more attractive | nice | should some changes and expand more | Pass | Login form should be more attractive |
| Kanwar | looking good | good | Ok | Pass | all modules are as expected |
| Karam | nice | Ok | Perfect | Pass | nice |

**Task 6 - Meet with your client**

Client Meeting:

|  |
| --- |
| Meeting Details |
| * Date and time: 25-Oct-2021 * Location: Newzealand |
| Attendees: Babal and Balraj |
| Agenda: Discussion of Software of Bar & Hotel System |
| Discussion (Important Points): He wants neat and clean software which will work effectively |
| My To Dos (Actions): Firstly I have to make the mockups of the application. Then Starting the application after the next meeting. |
| Questions requiring Follow- Up: Discussion of the mock ups |
| Comments: Balraj is good person and he described regarding software very wisely. |
| Next meeting  Date and Time: 1- Nov-2021 1:00 Pm  Location: Newzealand  Agenda: Showing the mock ups to the client and discussion about further development. |

**Client Review Form:-**

**Appendix 3**

**Client Review Form**

My developer’s name: Babal

This form is intended to let you review the communication skills of your developer for this assignment. Your review will partly count towards their final mark. Do not take into account technical skills.

# Grading scale

You must grade your developer for each item listed in the tables below. 1 being the lowest, 5 the highest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| Strongly disagree | Disagree | Ok | Agree | Strongly agree |

# Review your developer

|  |  |  |
| --- | --- | --- |
| **Item** | **Grade** | **Comment** |
| Communicated clearly and effectively | 5 |  |
| Kept you informed of the progress | 4 |  |
| Met timelines | 3 |  |
| Responded promptly to problems | 2 |  |
| Met overall project objectives | 5 |  |
| Was open to new ideas and suggestions | 3 |  |
| Was easy to work with | 3 |  |

Comments

Provide any extra comments on your developer’s communication skills and professionalism.

Babal is good person and he has good knowledge of coding.

## Signed by Client

|  |  |
| --- | --- |
| **Signature: Balraj** | **Date: 14-nov-2021** |
| **Name:Balraj** | **Title:Bar & Hotel System** |
| **Contact details (email/Tel):** | |

**Task 8 - Software development life cycle stages**

**Planning :-** Before we even begin with the planning stage, the best tip we can give you is to take time and acquire proper understanding of app development life cycle. It helps to define the problem and scope of any existing systems, as well as determine the objectives for their new systems.

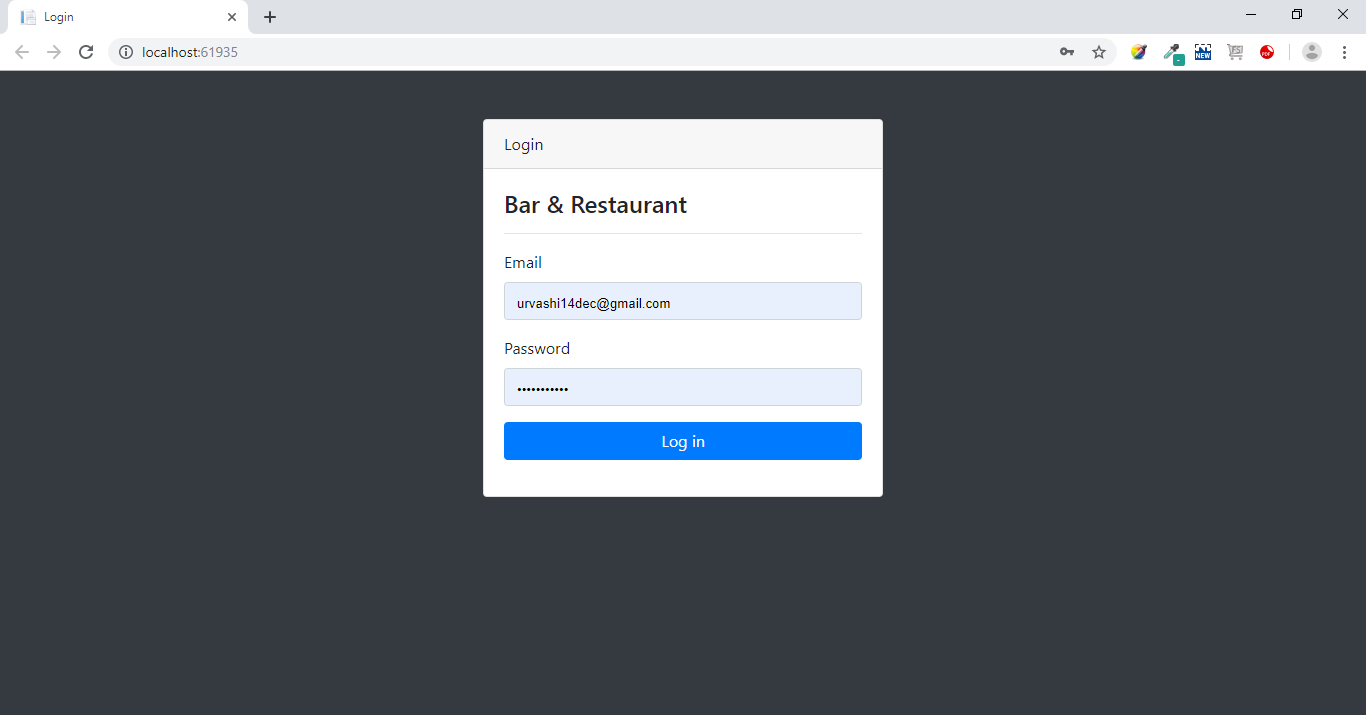
**Requirement :-** During this phase, all the relevant information is collected from the customer to develop a product as per their expectation. Any ambiguities must be resolved in this phase only. Business analyst and Project Manager set up a meeting with the customer to gather all the information like what the customer wants to build, who will be the end-user, what is the purpose of the product.

**Software Design and prototyping :-**

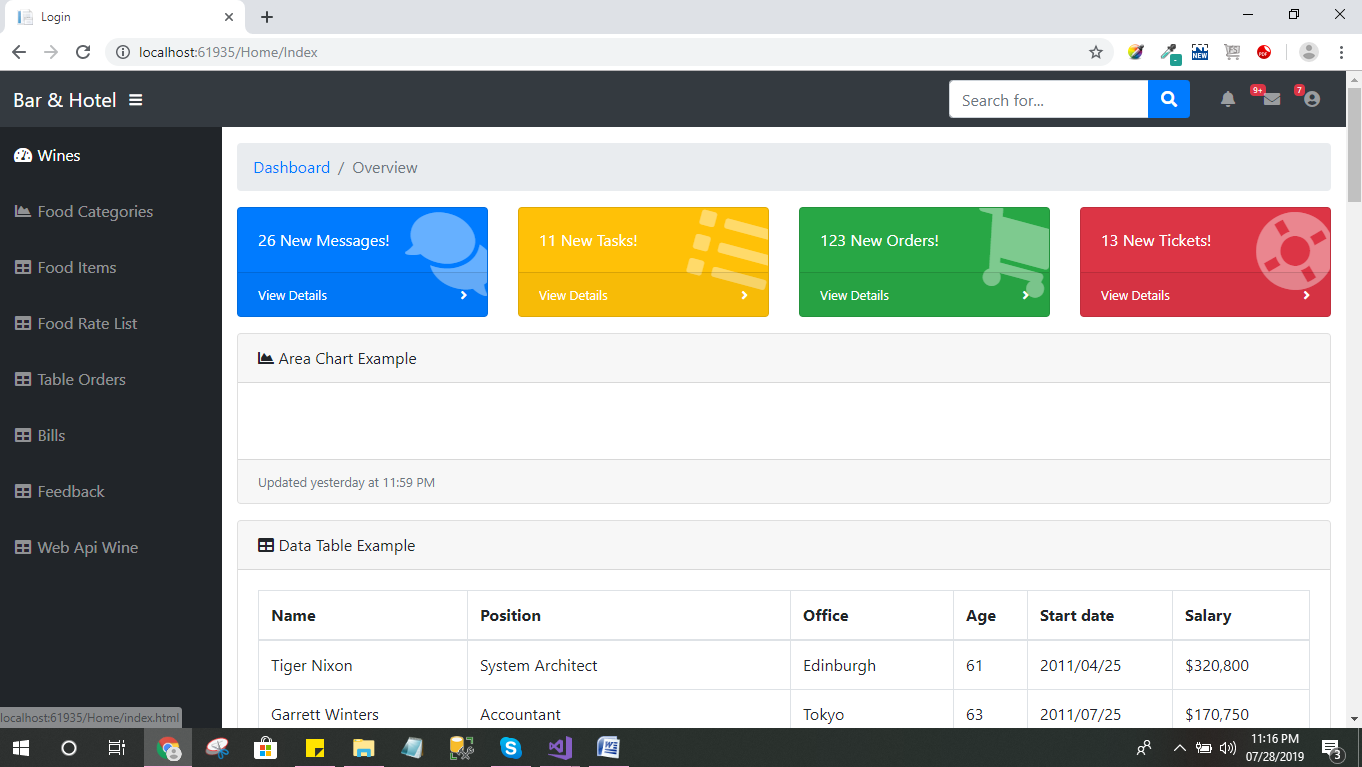
In this phase, the requirement gathered in the SRS document is used as an input and software architecture that is used for implementing system development is derived.

Screen shots

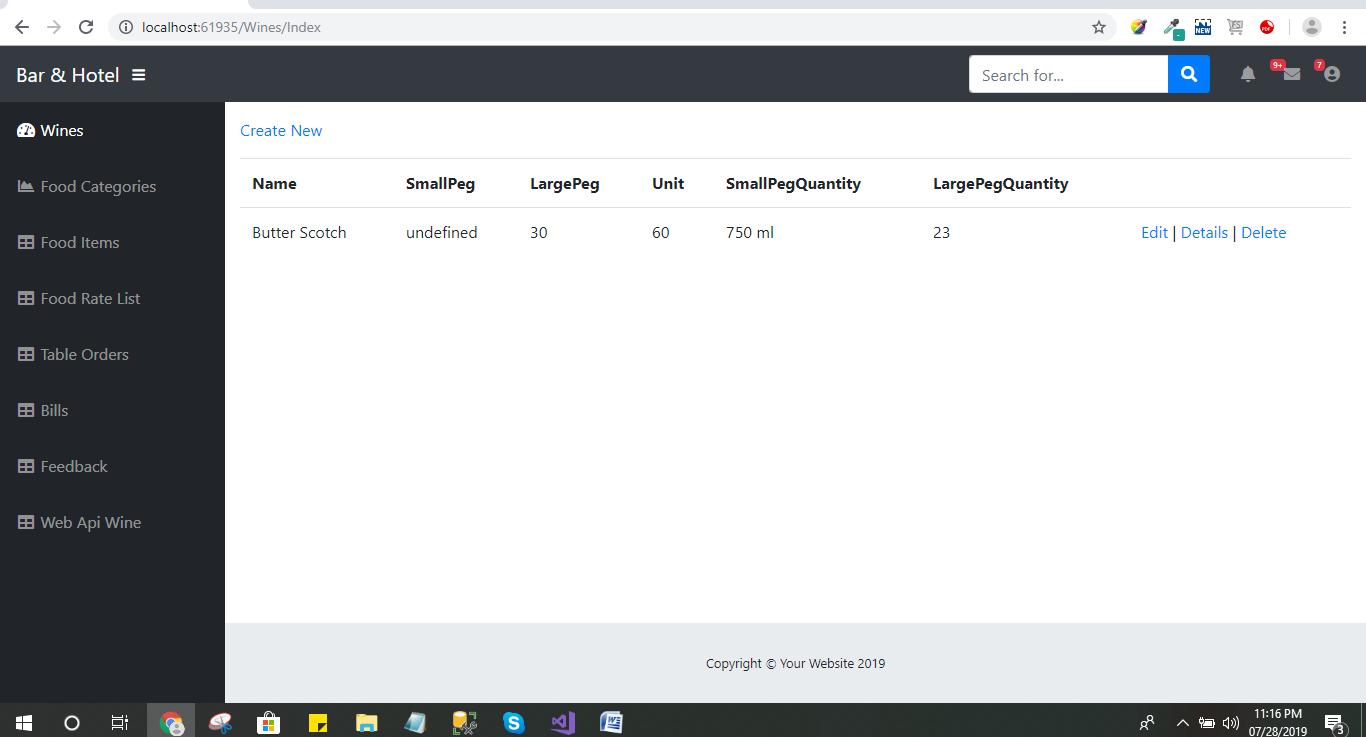
Login Page



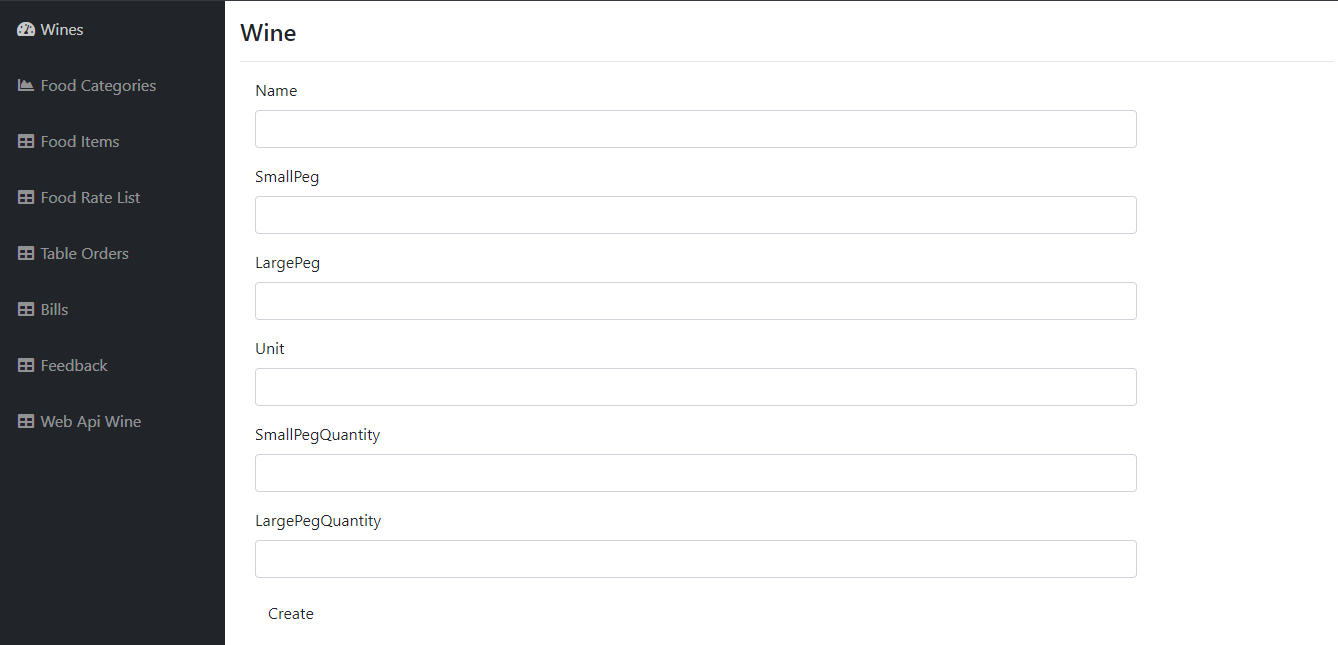
Dashboard Landing Page



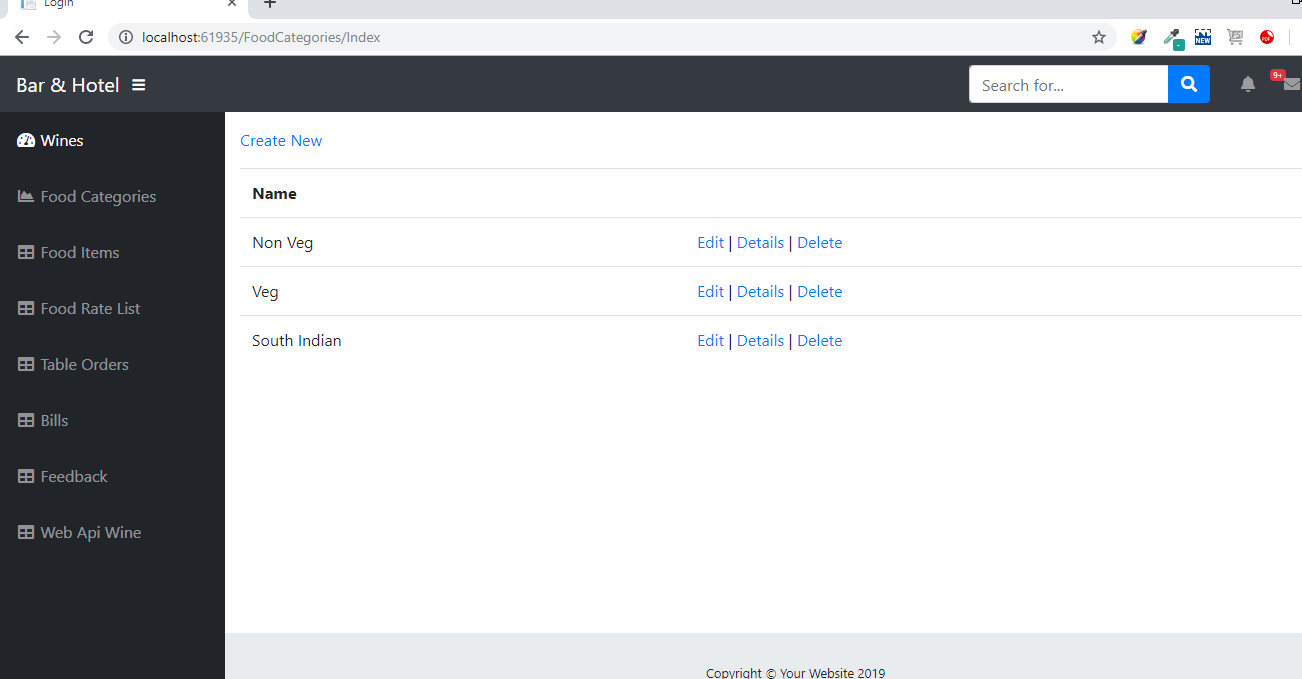
Wine List



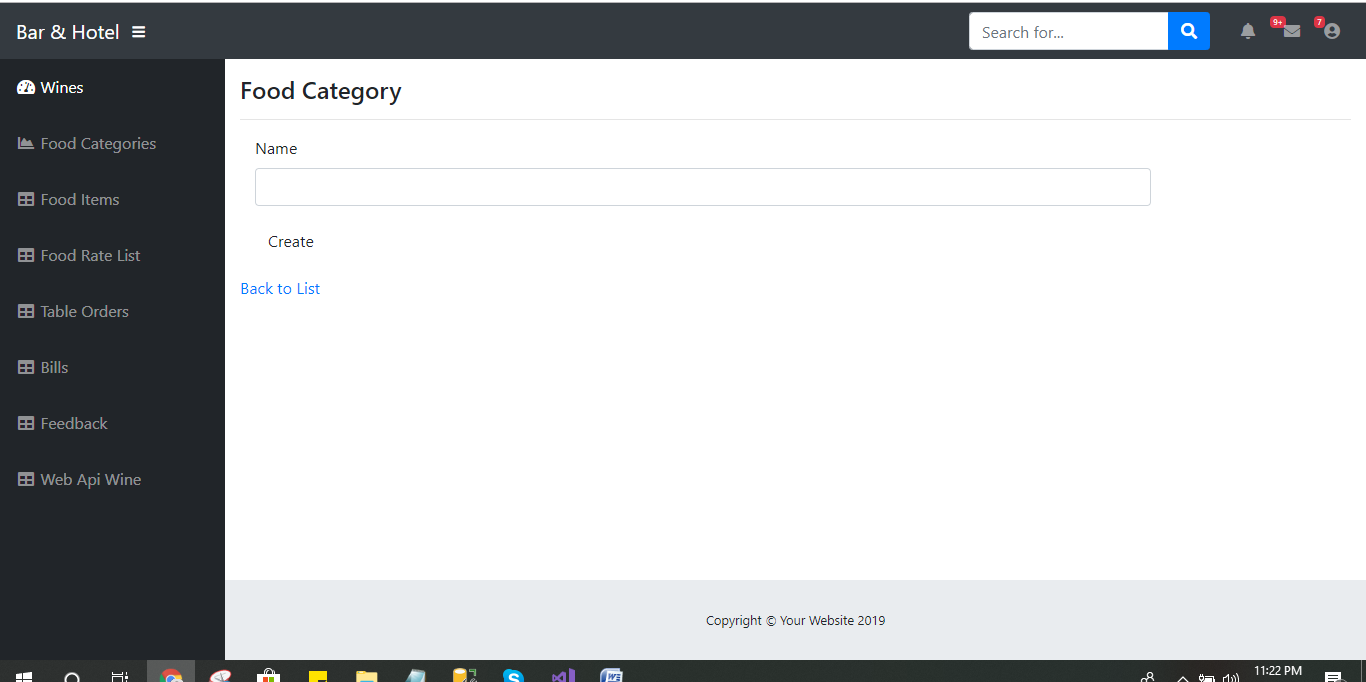
Create Wine Record



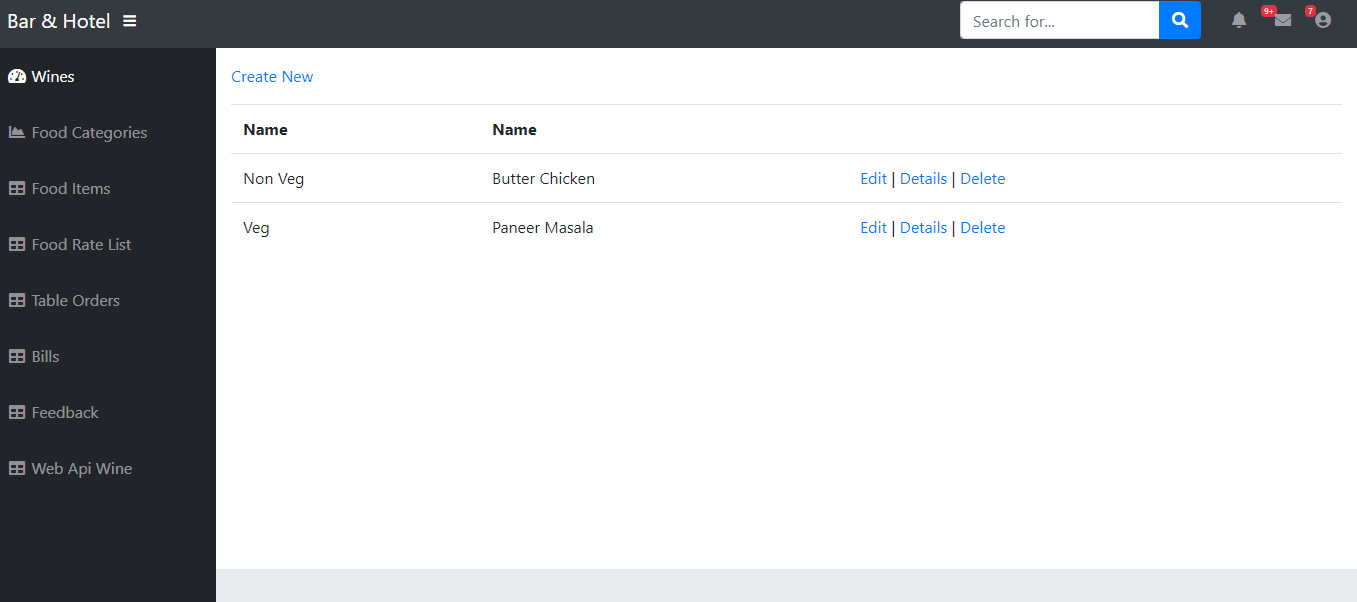
Food Category List



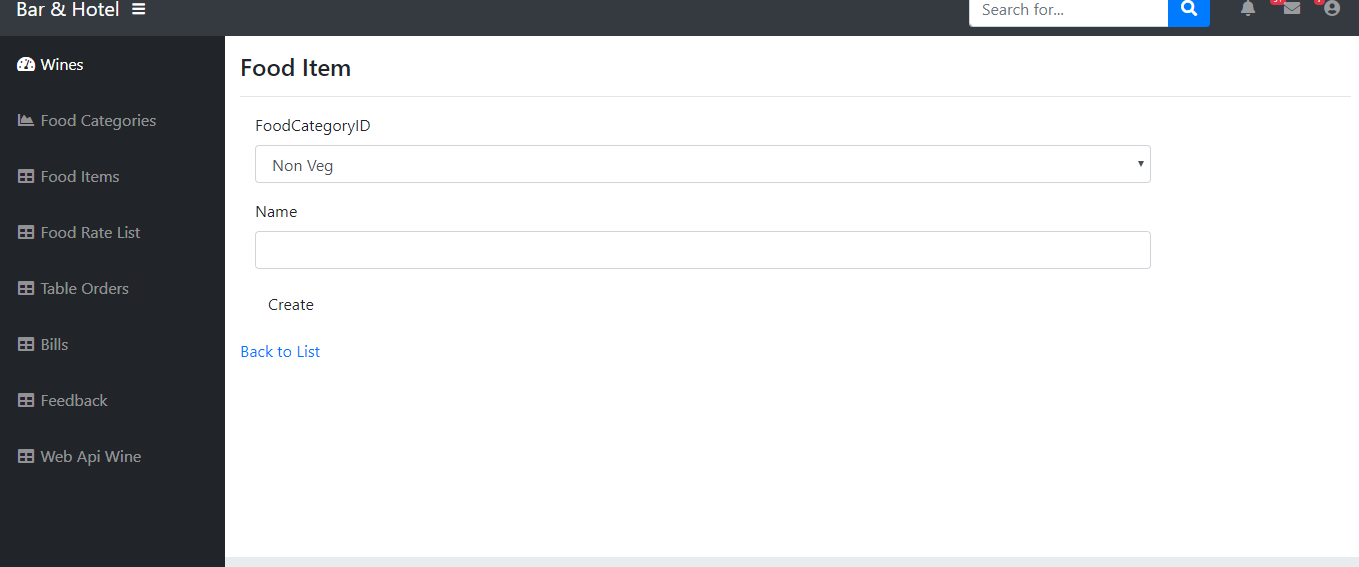
Create Food Category



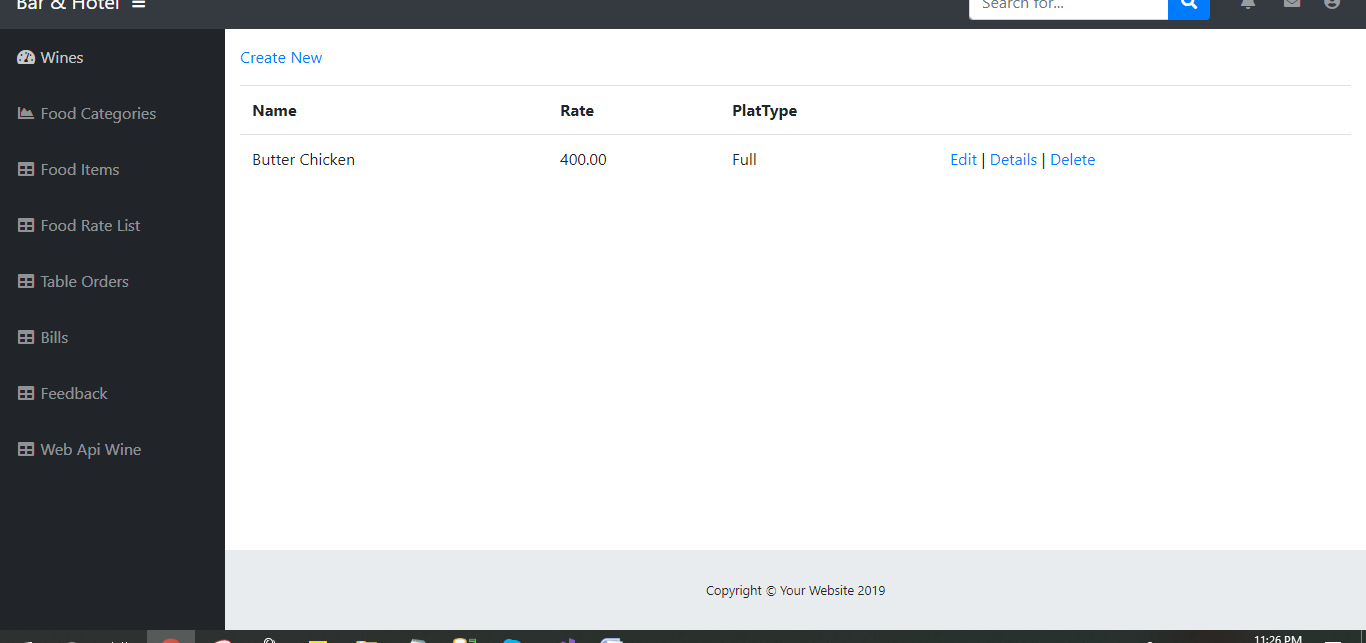
Food Item List



Create Food Item



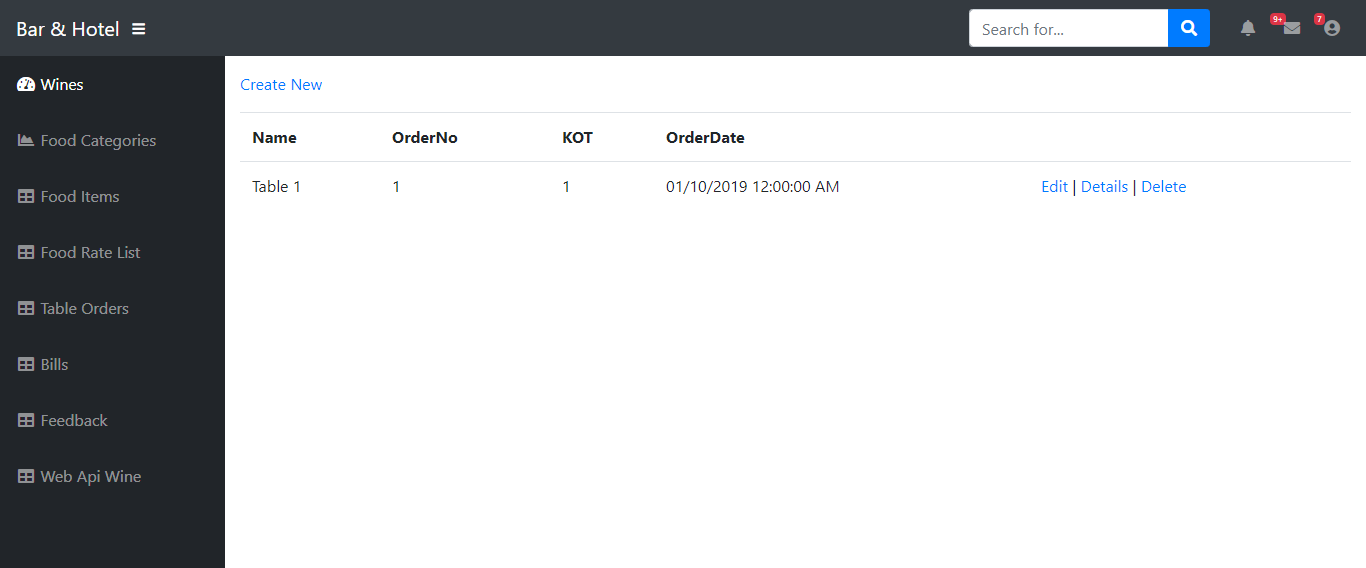
Food Rate List



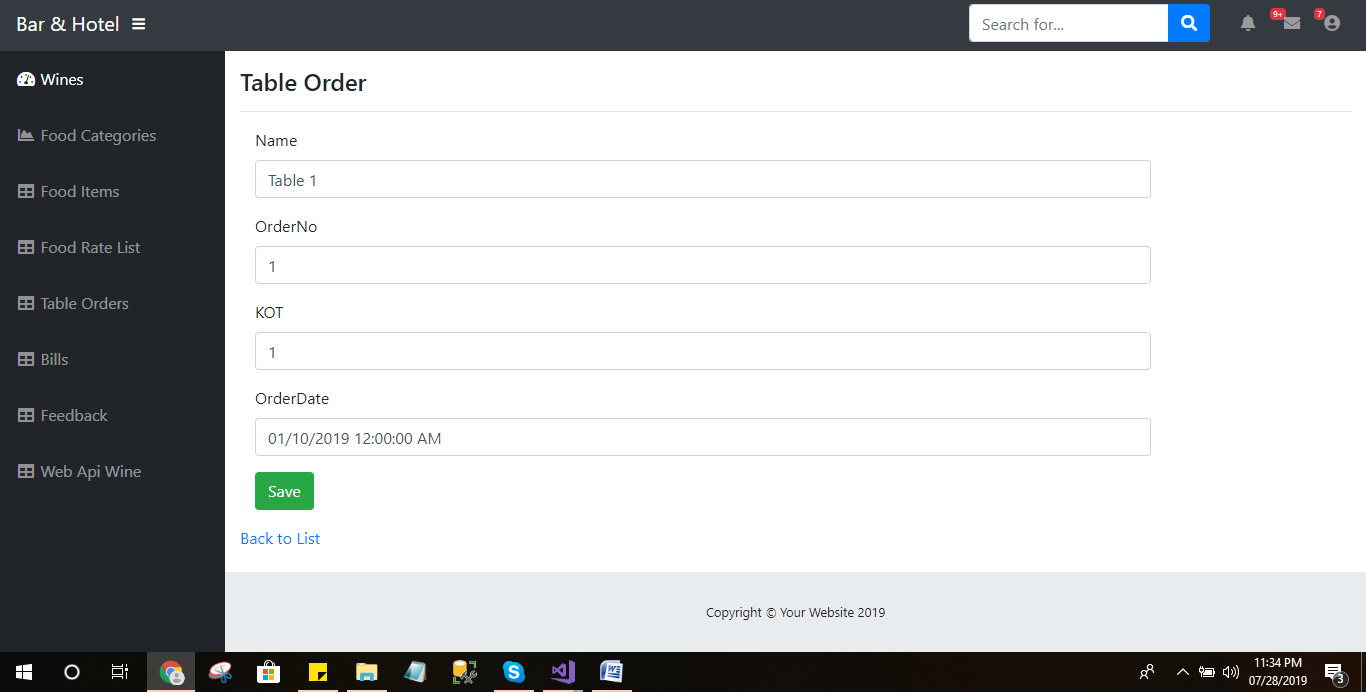
Add New Food Rate



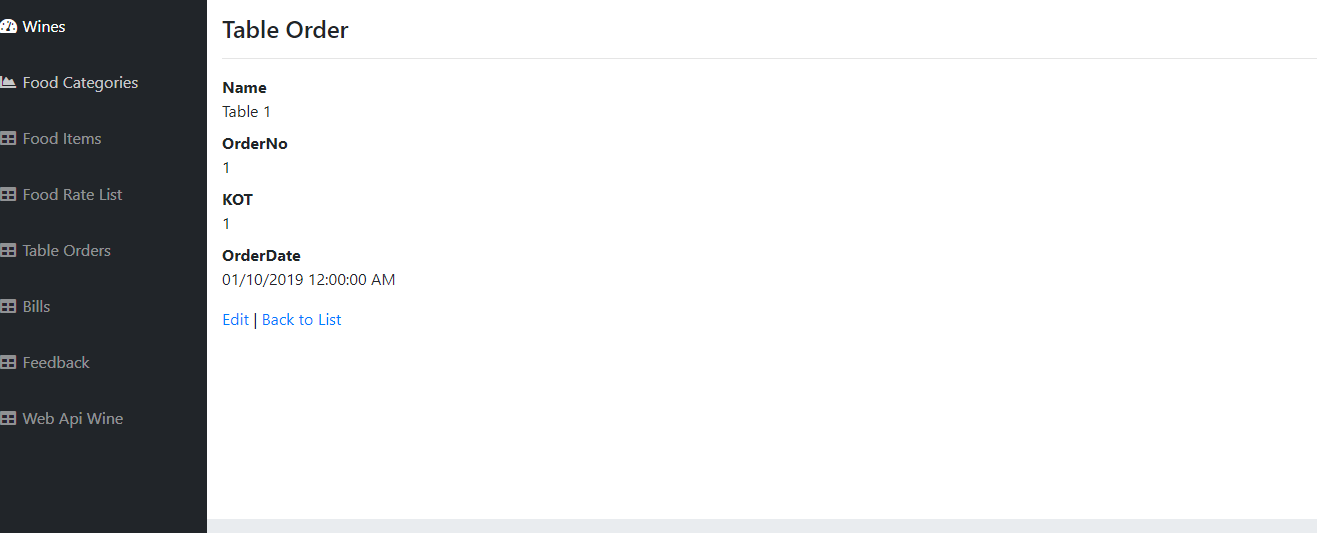
Table Order List



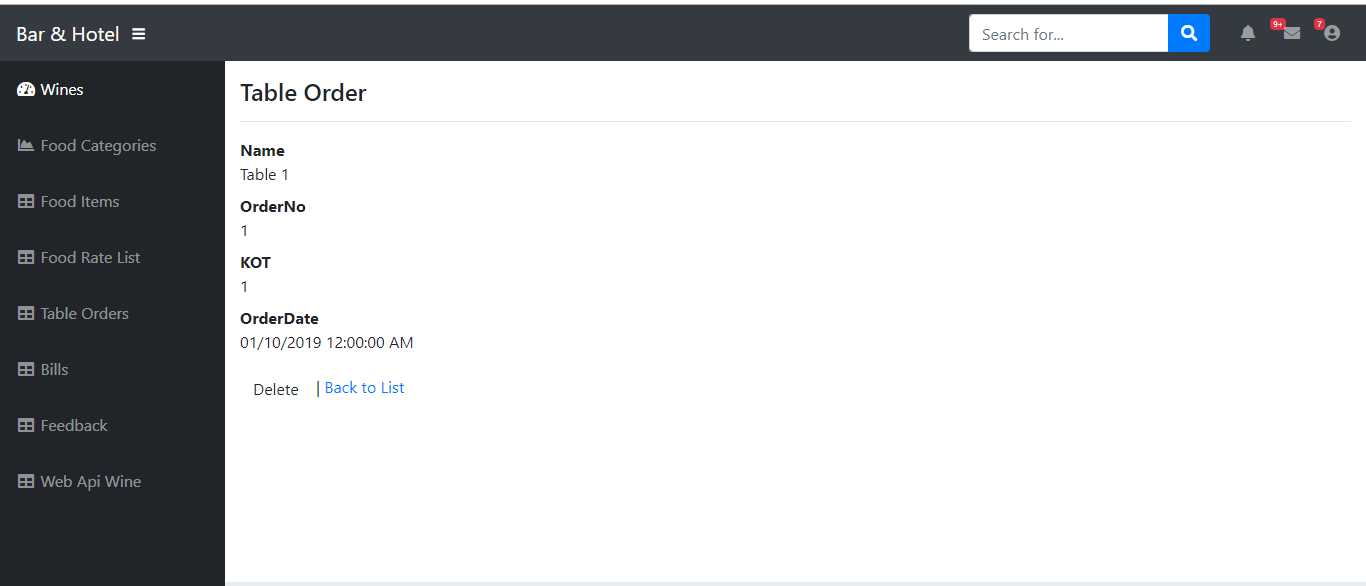
Save Table Order



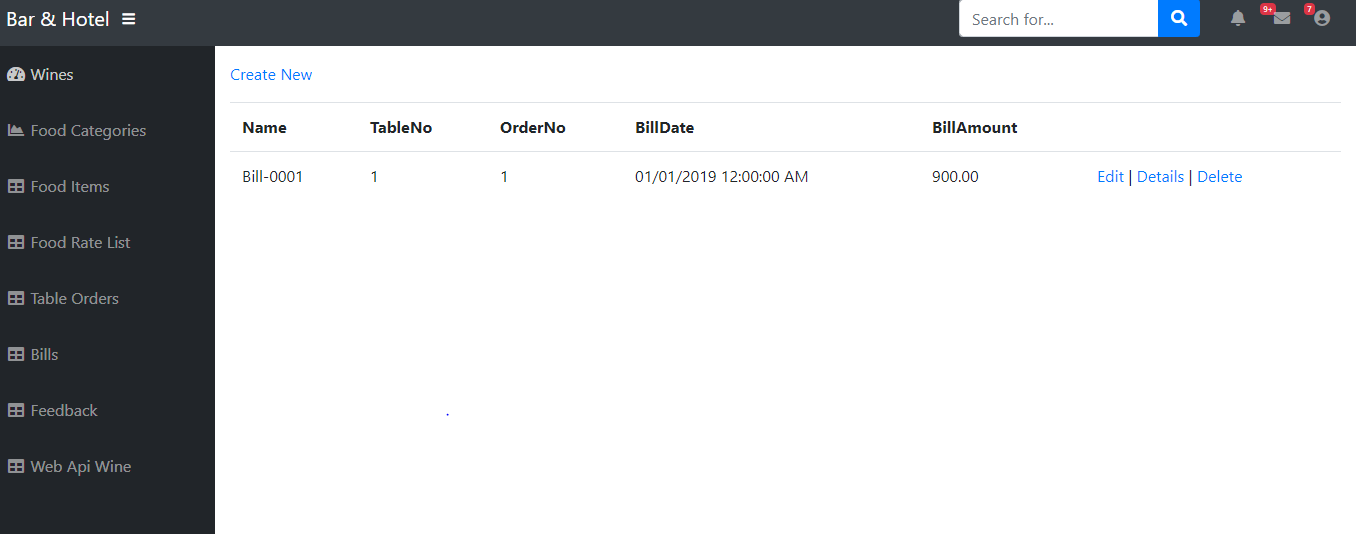
Details of Table Order



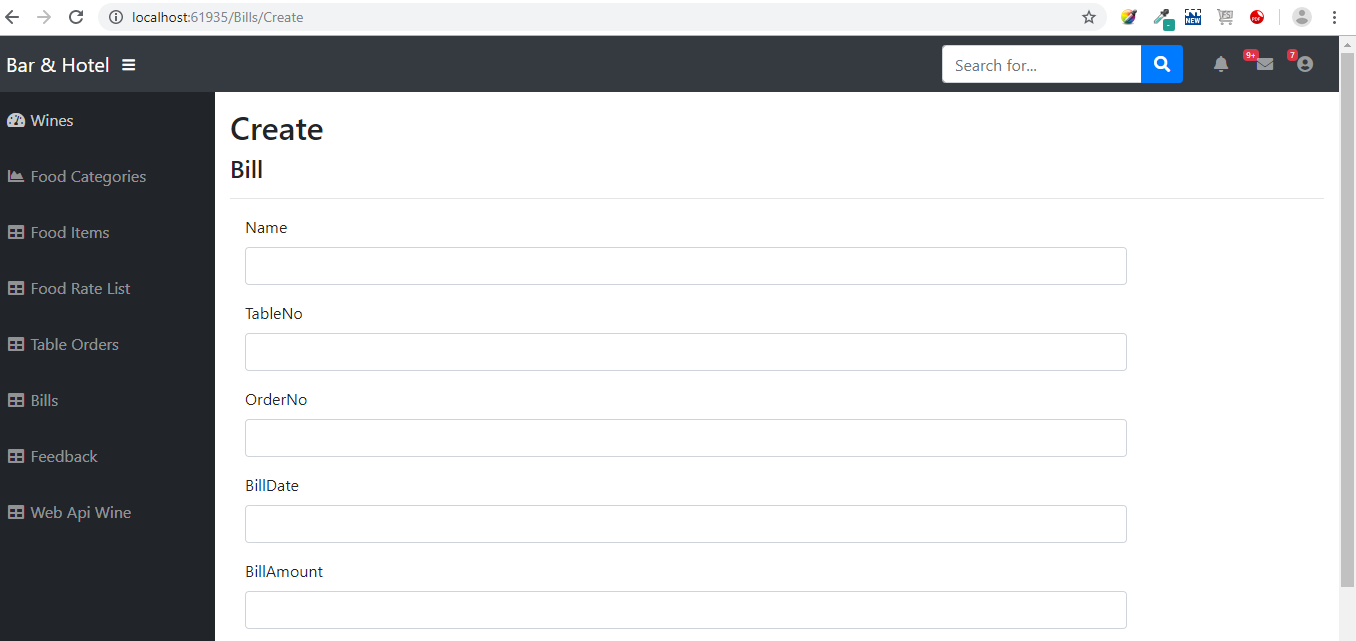
Delete Table Order



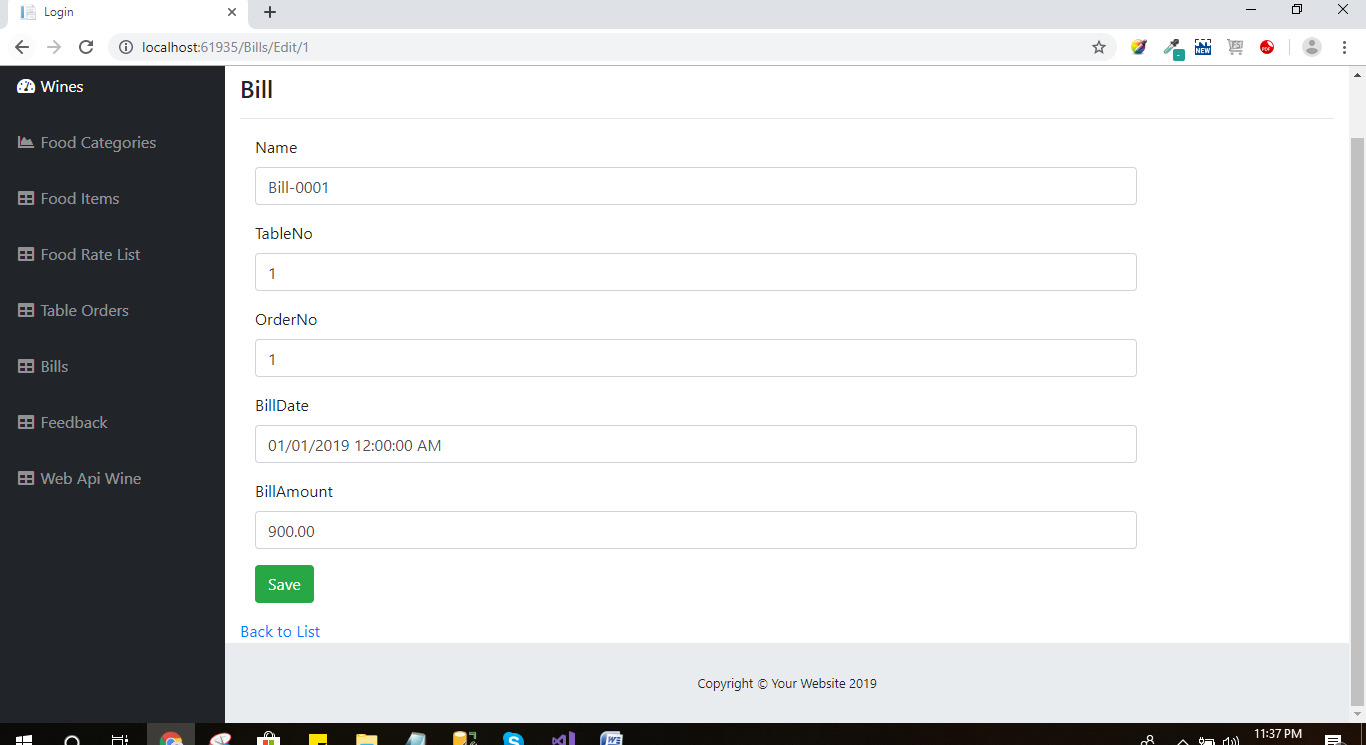
Bill List



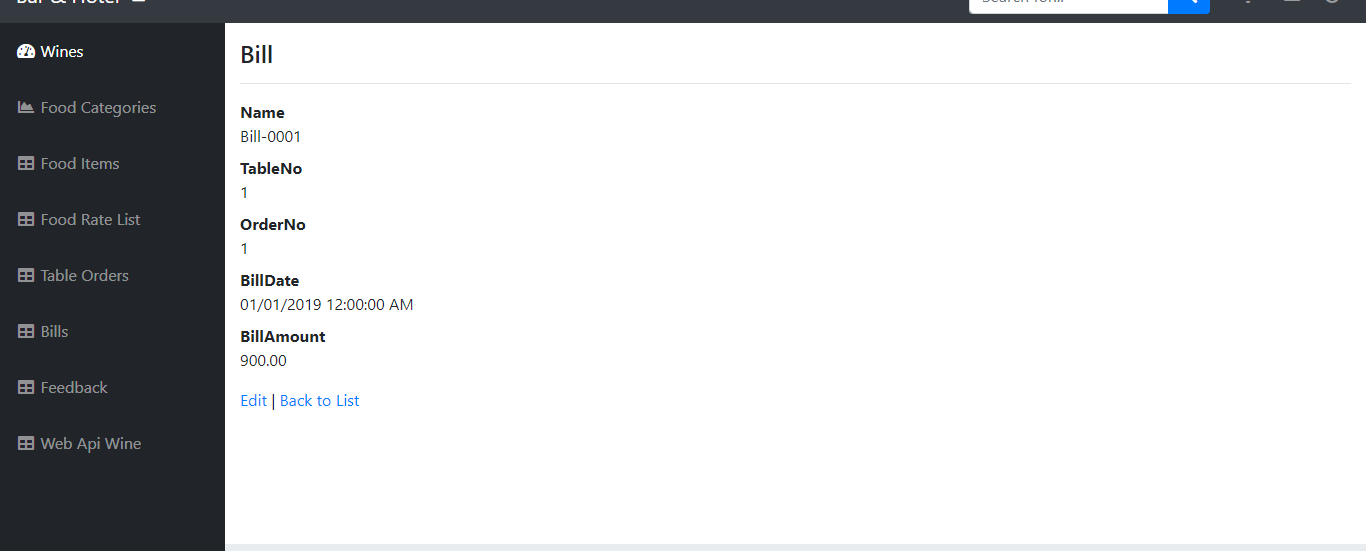
Create Bill



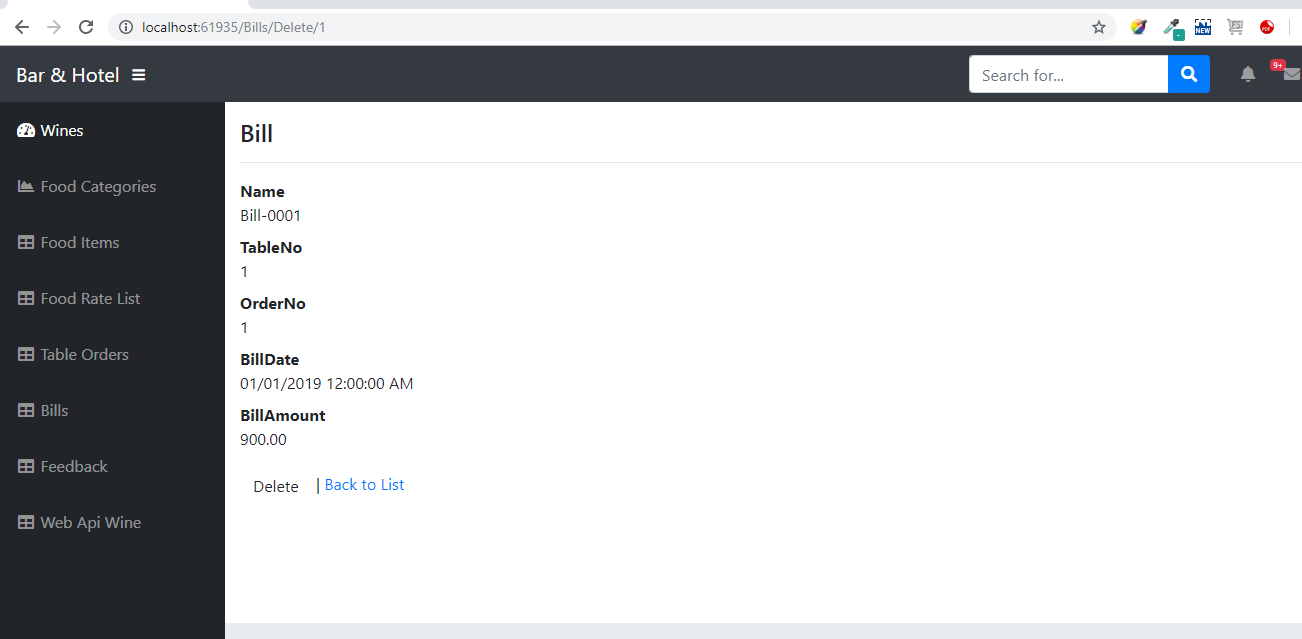
Create Bill



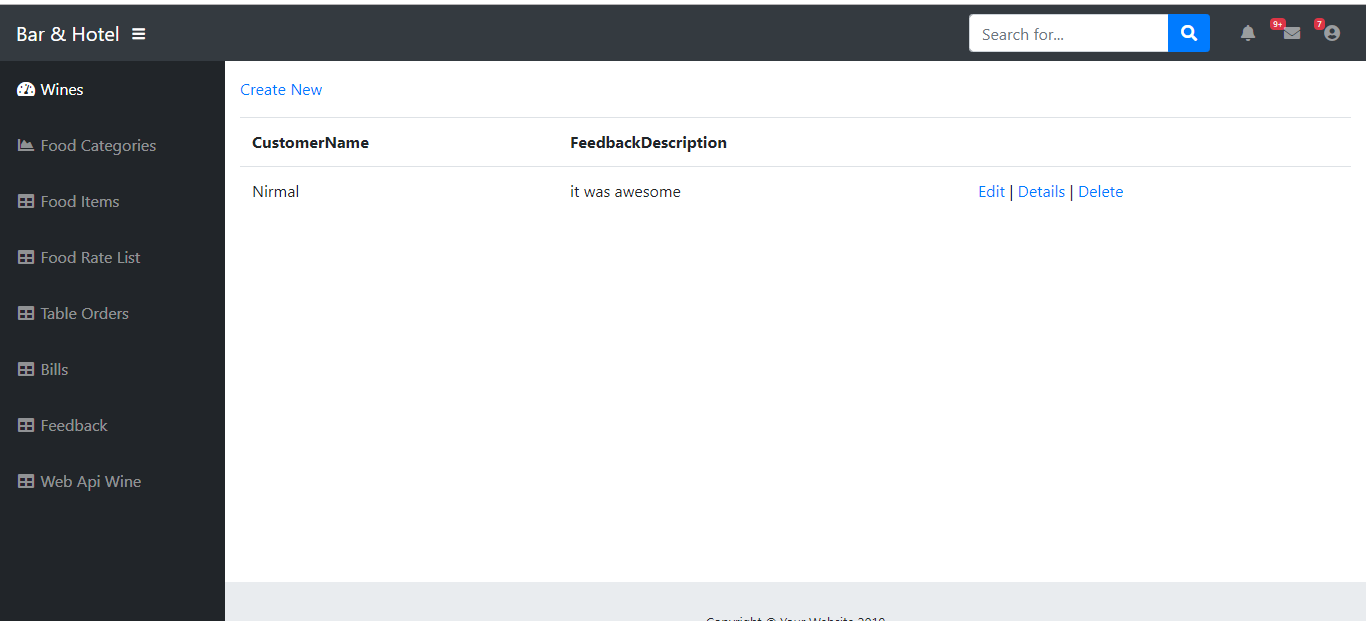
Bill Detail



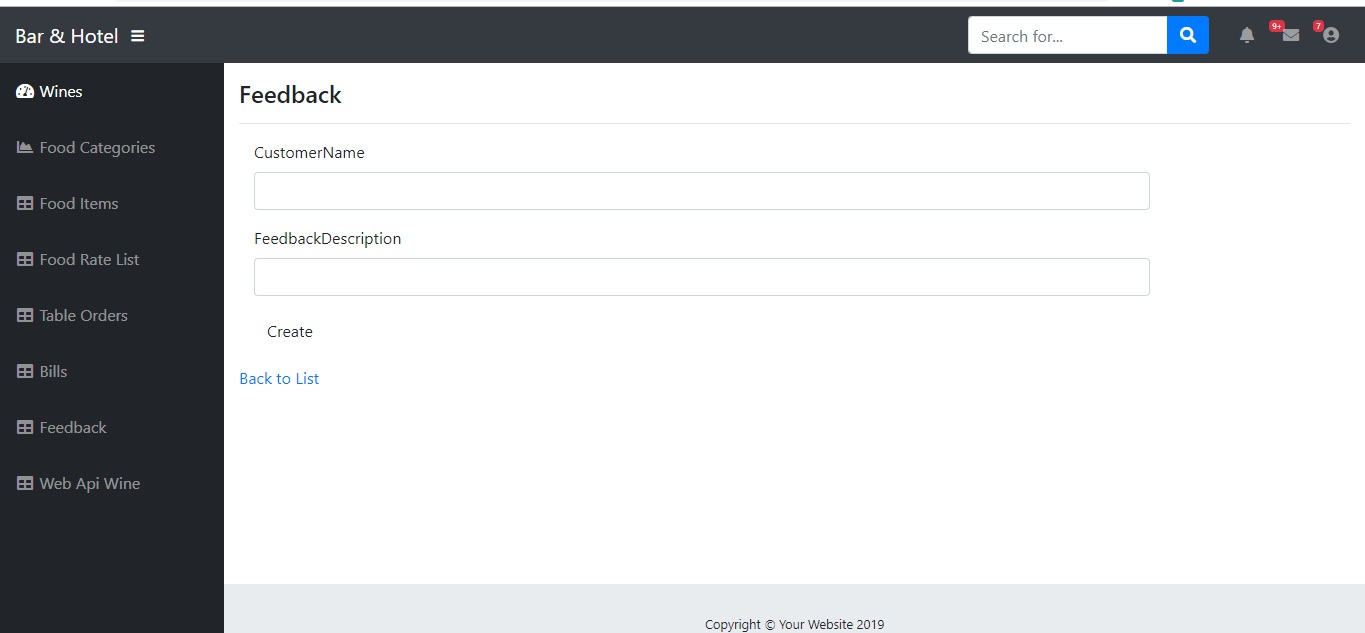
Delete Bill



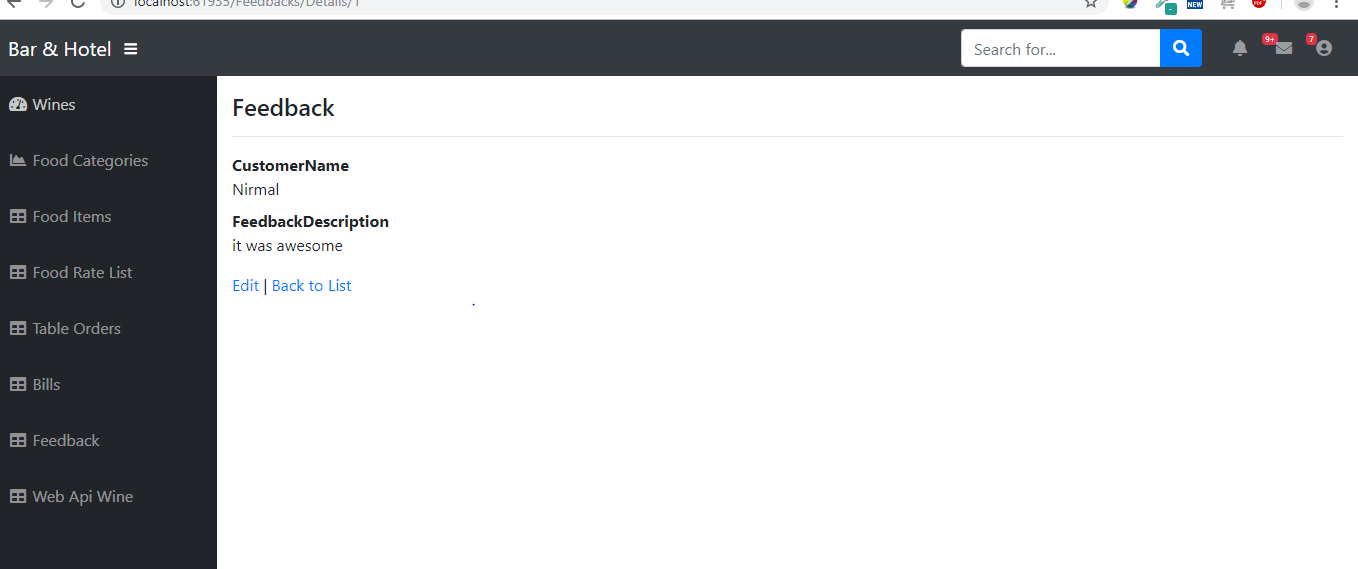
Feedback List



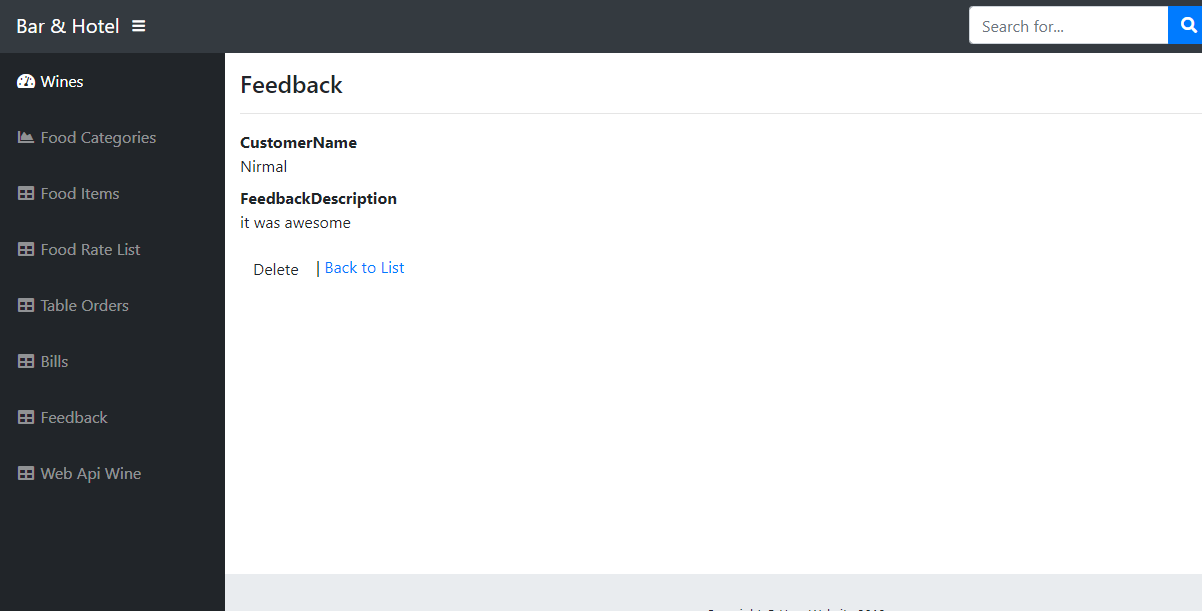
Customer Feedback Creation



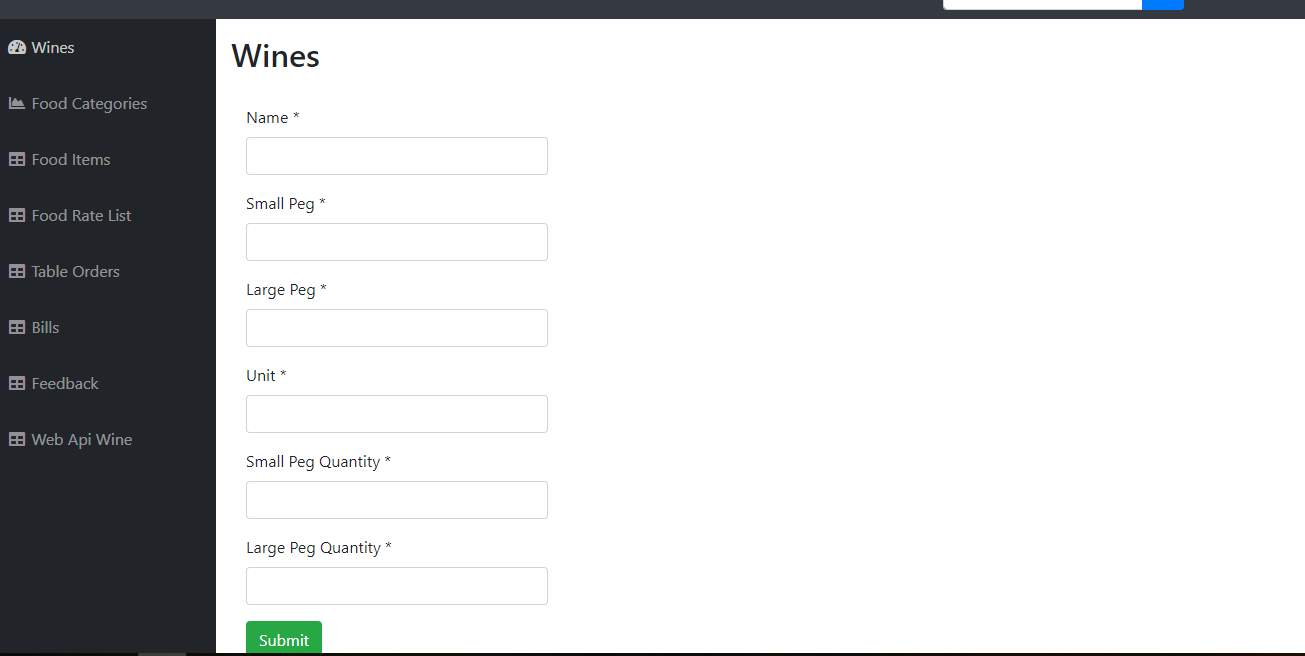
Show details of Customer Feedback



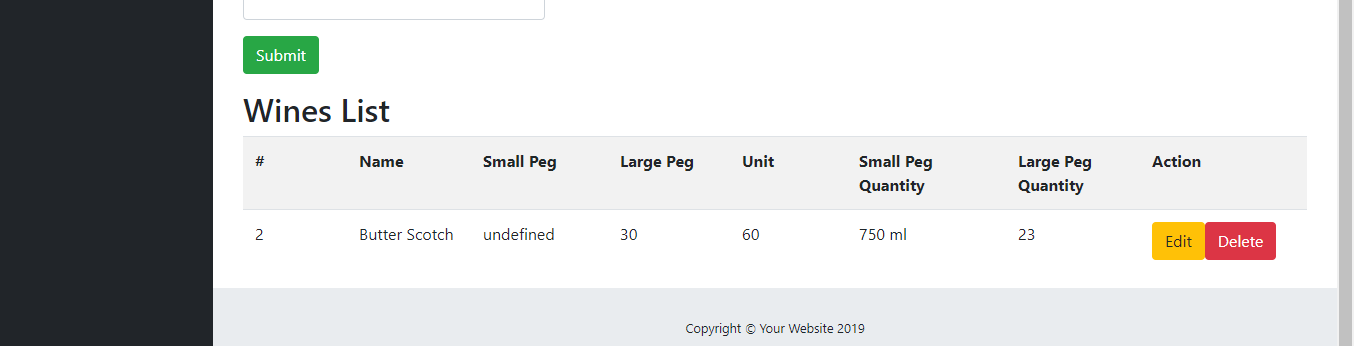
Delete Feedback



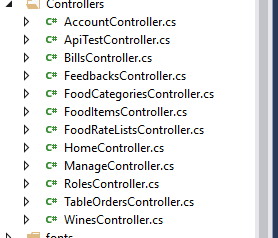
Web Api of Wine (Insert Update Delete Read Operations)



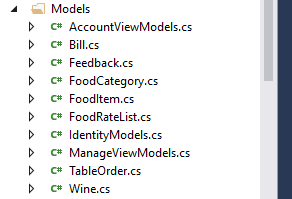
Wine List with Web APi



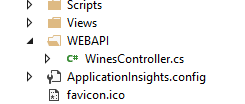
**CONTROLLERS**



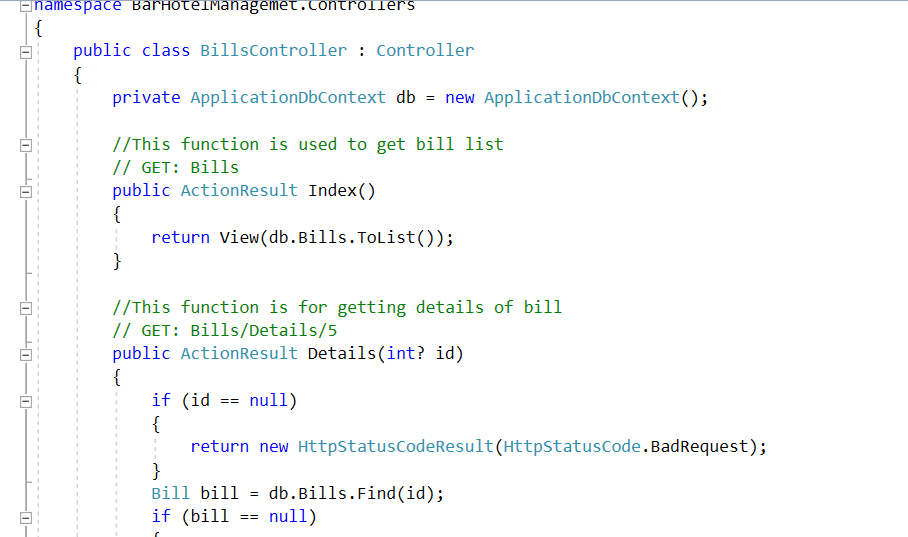
**MODELS**



WEB API CONTROLLER



**SOFTWARE DEVELOPMENT AND CODING**

****

**Testing:-** Testing starts once the coding is complete and the modules are released for testing. In this phase, the developed software is tested thoroughly and any defects found are assigned to developers to get them fixed.

**Task 9- Project management**

**Major Successes:-** The major success of this project is add identity in the project. with the help of identity I have created the identity tables for login and logout. I have created tables after thinking the client requirement. so these are also the best part of my success to create full project on myself. after taking the requirements from the client to divide the project into modules. it is also best part which i have learnt. So I am very thankful to my teachers who have given this kind of project because i have learnt so many things from this project and got many successes.

**Weaknesses:-** The major weaknesses in this project when i was creating table structure of the project. So on that time i had to think about the tables of this project how it will be efficient for the project. So that process has taken to much time for thinking. In this process I have spent 4 5 days. after that i was able to deciding the project structure. When I was thinking about the design so it was also difficult for me to finalise the design its also time taken process. when we create the design then its also tough section to satisfy the client with the design. we have to make our client satisfy with the design otherwise he can find many mistakes in this part. So its also very time taken process in the project.

**Lesson learned:-** In this project i have learned so many lessons. like how to implement our logics in the code and how to make the full project with the client requirements. So main part of client interaction is the best part. So in future I can easily manage to interact with client and easily work with software company. I have also learnt identity part in the mvc project. because I have used identity for making the login logout forms. which makes code very easy. I have learnt how to use foreign key in the project and how to bind it in another form with drop down list or and tool from html. Basically the main part of this project I have created full project on myself. through this process i have learnt so many things which will be very helpful in the future.