Project Title: GOPI'S KITCHEN STORY PROJECT

Date: 29/4/2022 **Prepared By: K. Gopi Kalyan**

Project Abstract: The main objective of the Online Kitchen Story is to manage the details of Item Category, Fruits, Vegetables,Delivery Address, Order, Shopping Cart. It manages all the information about Item Category, Shopping Cart, Item Category. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Item Category, Fruits, Vegetables, Delivery Address. It tracks all the details about the Delivery Address, Order, Shopping Cart.

Product Characteristics and Requirements:

1. Home page
2. Fruits/Vegetables
3. Search feature
4. Contact details
5. About US

Product Future Scope: As we all know that food is the basic need in every human life, for which everyone is struggling. Yet even after their efforts, if people are still not happy with their sustenance, then the effort given behind it is completely useless

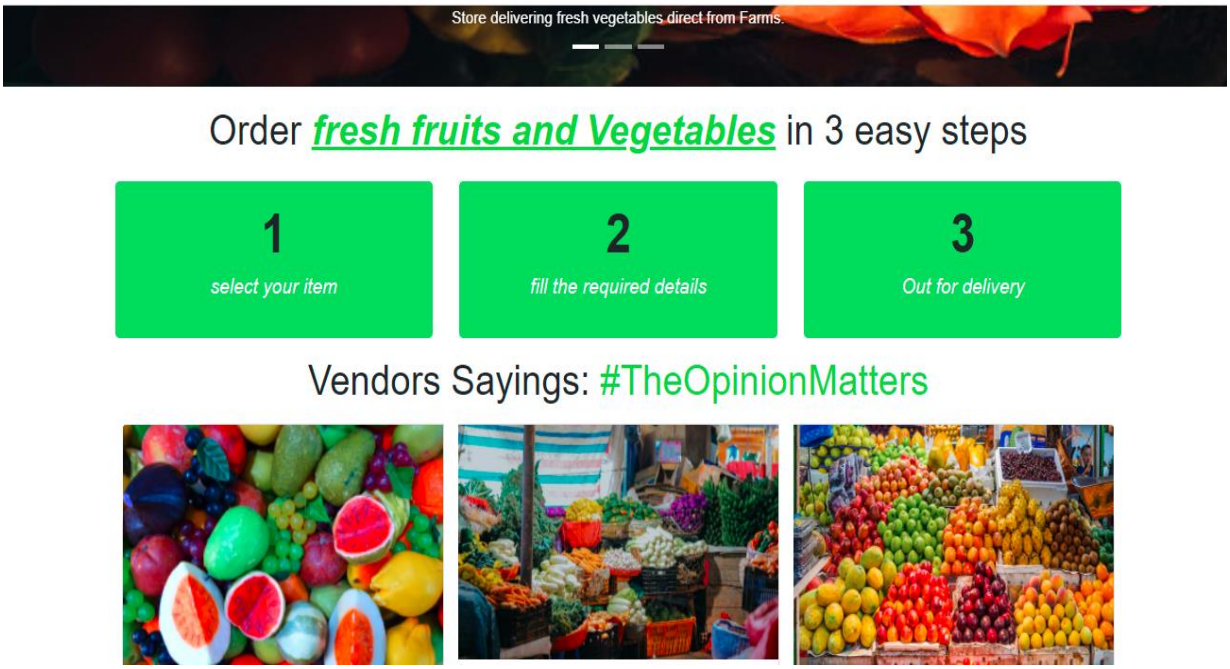
1. The food ordering process easier for customers as well as for restaurant owners.
2. Easy order management
3. Less processing time means less waiting time for food orders.
4. Live order tracking.
5. It is very easy to customize the food order.

DECLARATION

I …**K. Gopi Kalyan Prasad**……, hereby declare that everything proposed in this project proposal is based on my own knowledge and research carried out with exception to printed or electronic content.

SIGNATURE …  … DATE **29/04/2022**

STEPS



- We are using Angular to create this Web Application using angular cli.

  The command to create the app –

```
ng new my-first-project cd my-first-project ng serve
```

- Used Components and divided the modules of app in smaller units and clubbed and integrated all of the together using app.component.
- App module – it contains all the modules that are imported and all the Components are declared here.
- These include the in Home page we have the search bar Fruits, Vegetables, Contact us, AboutUs.

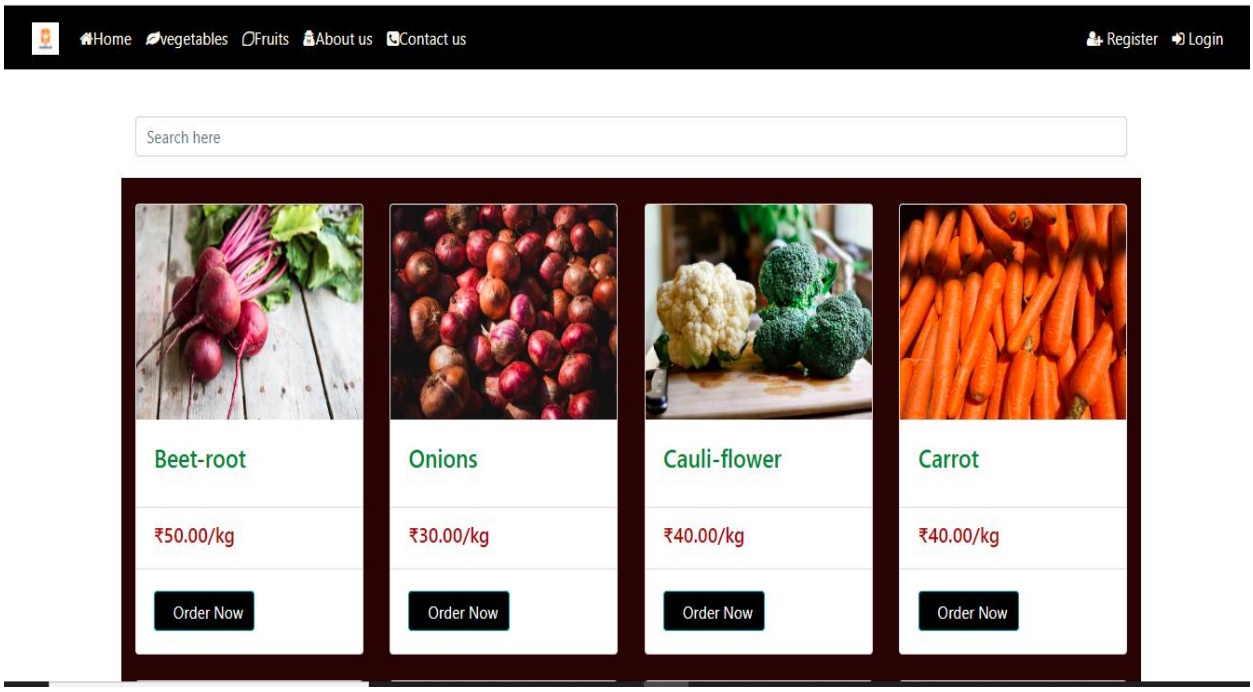
- ngModules helped in –

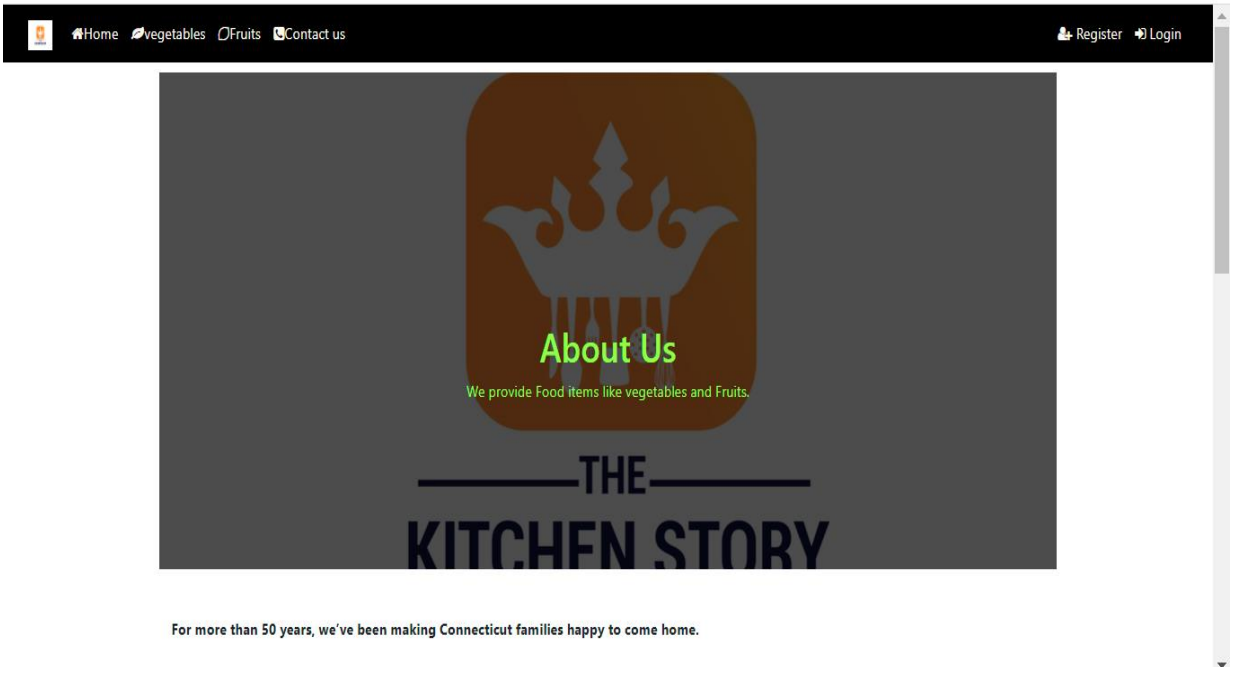
  ngOnInit() - all the inputs are success fully passed which function is called

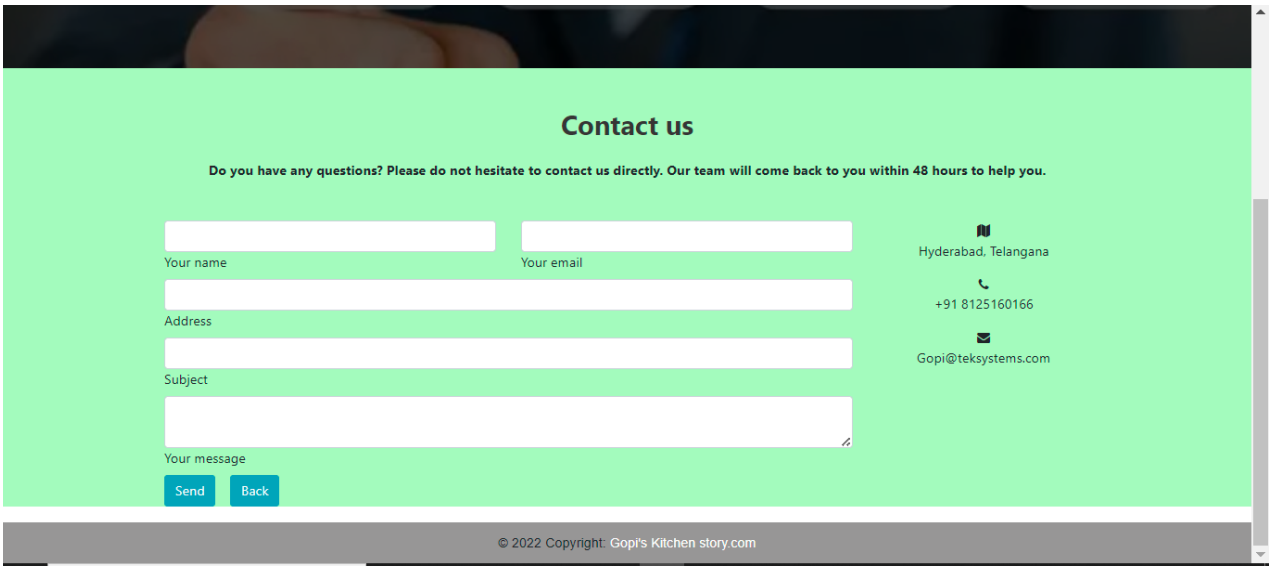
  ngOnit gets called when all the input properties are initialized.

  ngOnDestroy(){} -- the moment component is getting out of the screen

  ngOnChanges( ) {}-- when input properties are passed
  Every Component is created using the – **ng generate component component_name** command.




Home
vegetables
Fruits
Contact us
Register
Login
About Us
We provide Food items like vegetables and Fruits.
THE
KITCHEN STORY
For more than 50 years, we've been making Connecticut families happy to come home.


Contact us
Do you have any questions? Please do not hesitate to contact us directly. Our team will come back to you within 48 hours to help you.
Your name
Your email
Address
Subject
Your message
Send
Back
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+91 8125160166
Gopi@teksystems.com
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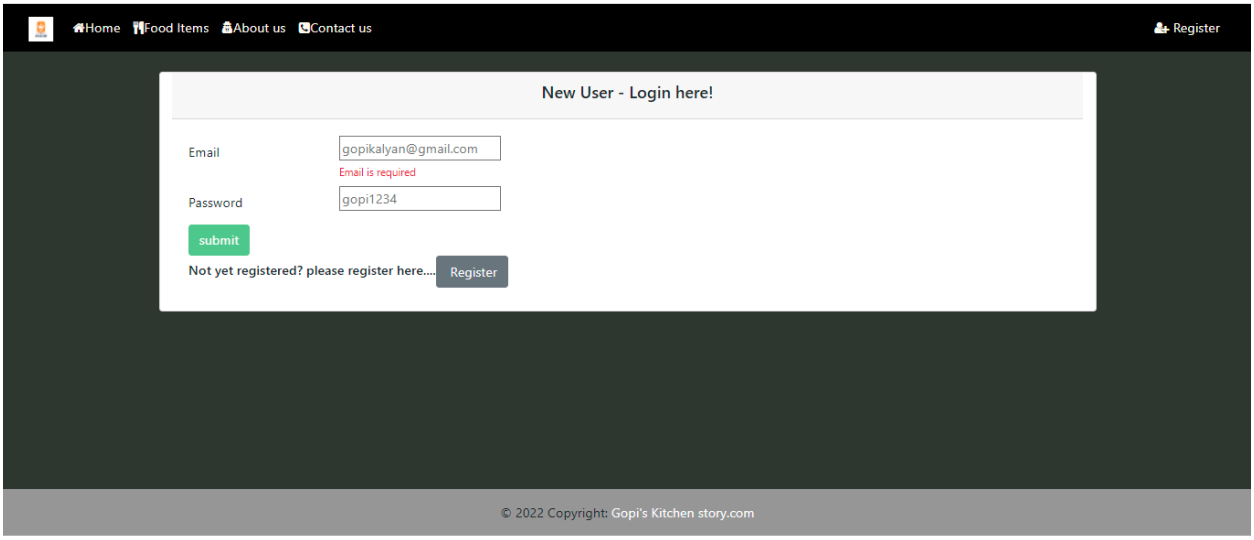
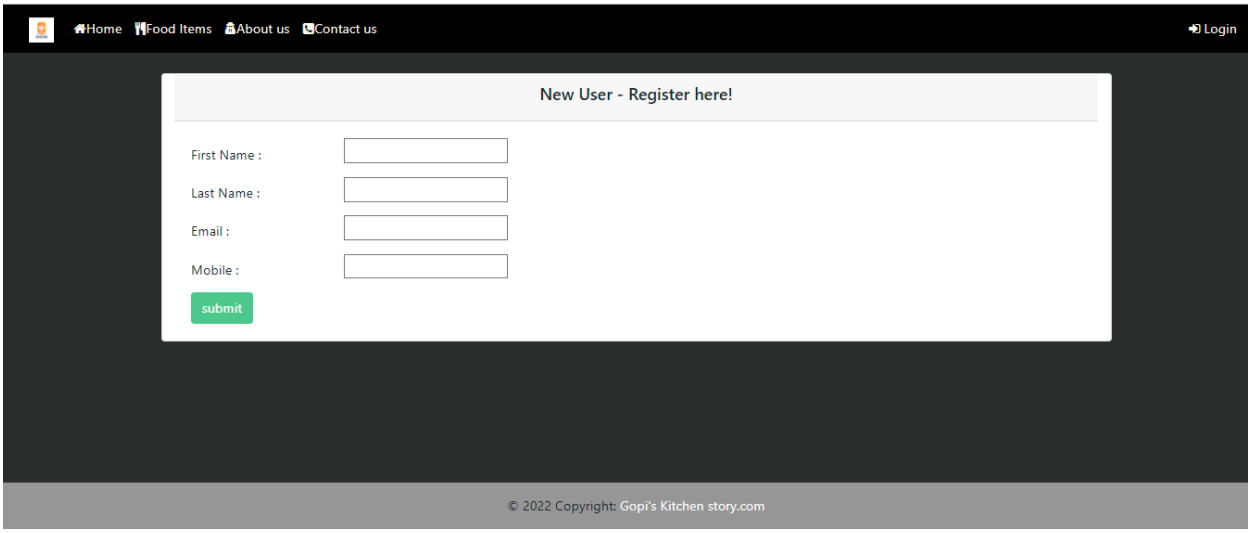


LOGIN

A Form that takes the input and validates the user.

If the user is not saved Not yet registered? please register here is clicked.

```
import {
Component }
from
'@angular/core';
                    import { NavigationExtras, Router } from '@angular/router';
                    import { AuthService } from '../auth.service';
```


Home
Food Items
About us
Contact us
Login
New User - Register here!
First Name :
Last Name :
Email :
Mobile :
submit
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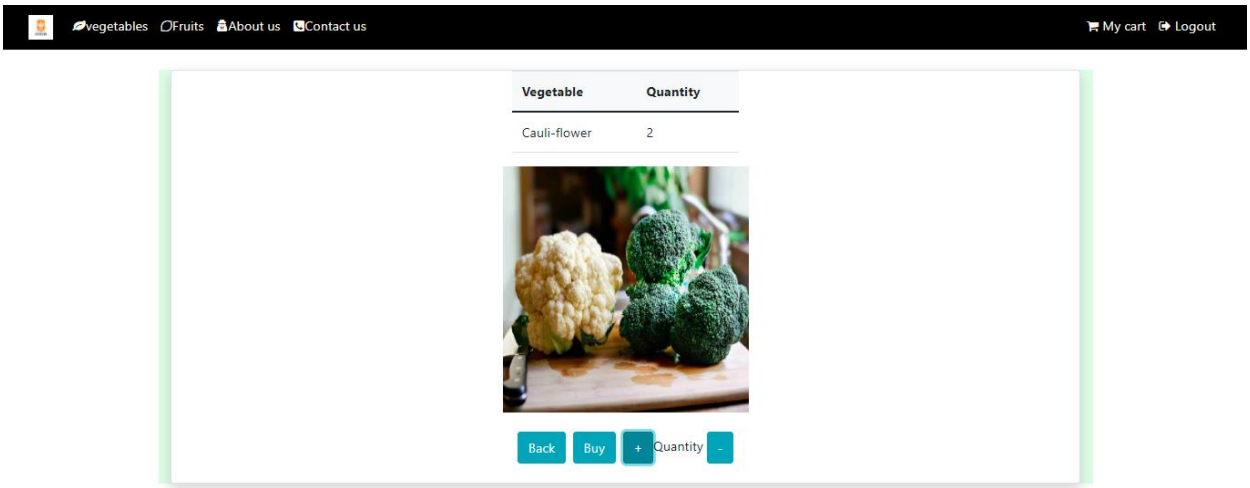
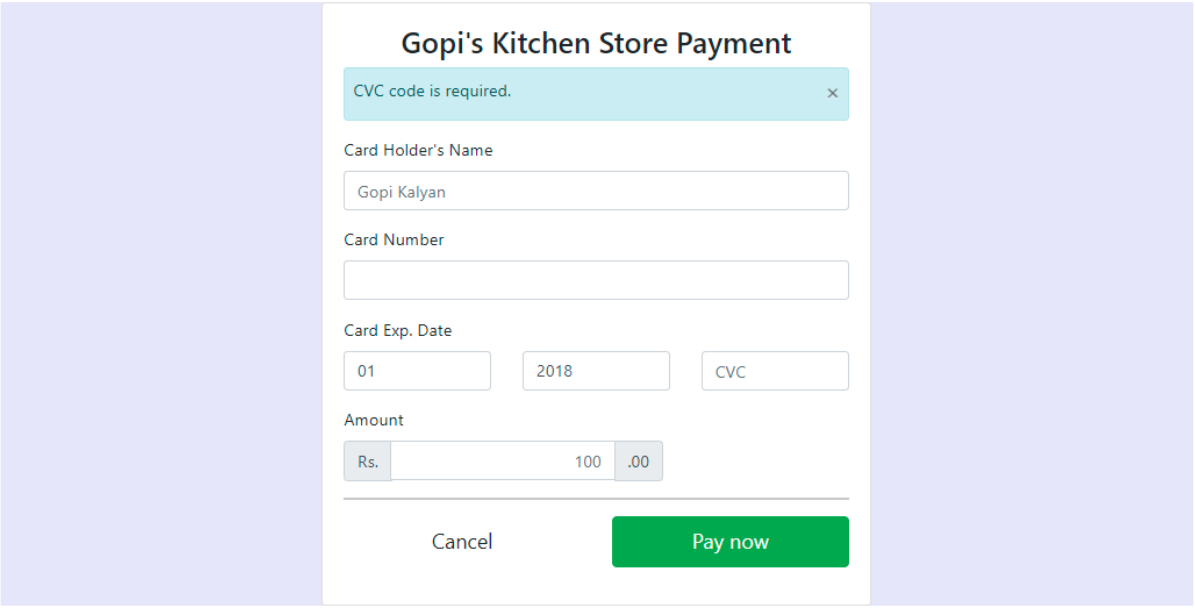
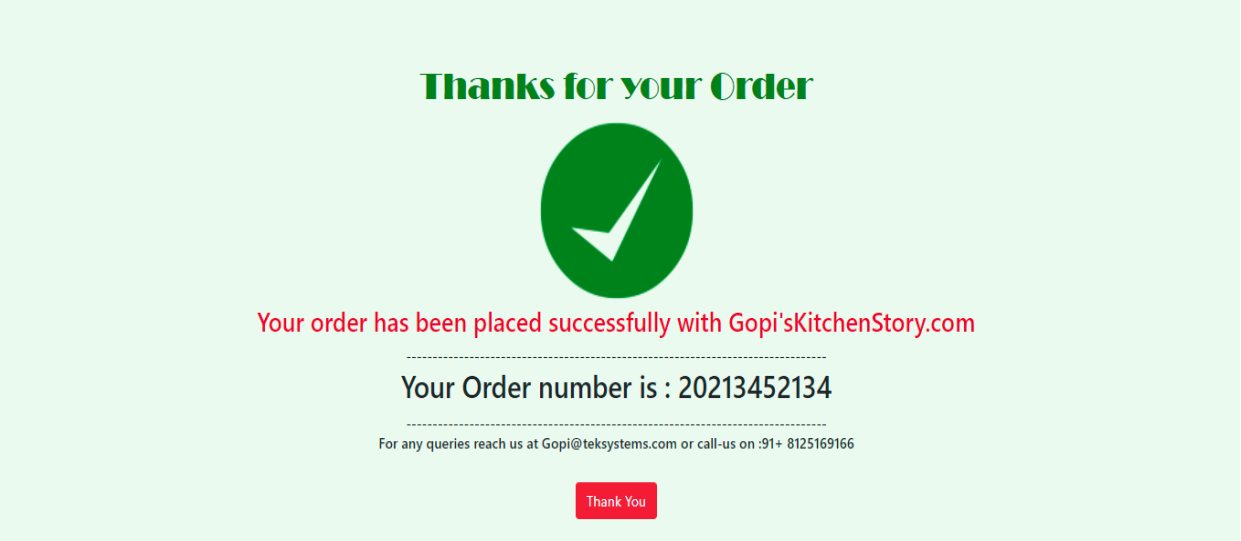

vegetables
Fruits
About us
Contact us
My cart
Logout
Vegetable
Quantity
Cauli-flower
2
Back
Buy
+
Quantity
-





It will input user details mentioned below: Name, Phone, Card details and your order has been successfully with **gopi'skitchenstory.com** emailID

It will provide option to Place order After clicking the button Place order the details will be sent to order details component.

FEASIBILITY STUDY

A feasibility study is a high-level capsule version of the entire System analysis and Design Process. The study begins by classifying the problem definition. Feasibility is to determine if it's worth doing. Once an acceptance problem definition has been generated, the analyst develops a logical model of the system. A search for alternatives is analyzed carefully. There are 3 parts in feasibility study.

1) Operational Feasibility

2) Technical Feasibility

3) Economical Feasibility

1) OPERATIONAL FEASIBILITY

Operational feasibility is the measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.The operational feasibility assessment focuses on the degree to which the proposed development projects fits in with the existing business environment and objectives with regard to development schedule, delivery date, corporate culture and existing business processes.To ensure success, desired operational outcomes must be imparted during design and development. These include such design-dependent parameters as reliability, maintainability, supportability, usability, producibility, disposability, sustainability, affordability and others. These parameters are required to be considered at the early stages of design if desired operational behaviours are to be realised. A system design and development requires appropriate and timely application of engineering and management efforts to meet the previously mentioned parameters. A system may serve its intended purpose most effectively when its technical and operating characteristics are engineered into the design. Therefore, operational feasibility is a critical aspect of systems engineering that needs to be an integral part of the early design phases.

2) TECHNICAL FEASIBILITY

This involves questions such as whether the technology needed for the system exists, how difficult it will be to build, and whether the firm has enough experience using that technology. The assessment is based on outline design of system requirements in terms of input, processes, output, fields, programs and procedures. This can be qualified in terms of volume of data, trends, frequency of updating inorder to give an introduction to the technical system. The application is the fact that it has been developed on windows XP platform and a high configuration of 1GB RAM on Intel Pentium Dual core processor. This is technically feasible. The technical feasibility assessment is focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the need of the proposed system.

3) ECONOMICAL FEASIBILITY

Establishing the cost-effectiveness of the proposed system i.e. if the benefits do not outweigh the costs then it is not worth going ahead. In the fast paced world today there is a great need of online social networking facilities. Thus the benefits of this project in the current scenario make it economically feasible. The purpose of the economic feasibility assessment is to determine the positive economic benefits to the organization that the proposed system will provide. It includes quantification and identification of all the benefits expected. This assessment typically involves a cost/benefits analysis.

User requirements

The system will be designed to be user friendly. The user friendly and interactive interfaces design helps to achieve this by enabling customers to easily browse through the menus place orders with just a few clicks and also allows restaurant employees to quickly go through the orders as they are placed and produce the necessary items with minimal delay and confusion.

Functional requirements

Functional requirements define the capabilities and functions that a system must be able to perform successfully. The functional requirements of this online ordering system include:

- The system shall enable the customer to view the products menu, create an account, login to the system and place an order.
- The customer shall specify whether the order is to be picked up or delivered. The system shall display the food items ordered, the individual food item prices and the payment amount calculated. The system shall prompt customer to confirm the meal order.
- The system shall provide visual confirmation of the order placement
- The system shall enable the manager to view, create, edit and delete food category and descriptions
- The system shall allow confirmation of pending orders
- The system shall allow generation of sales report for the orders made.
- The system shall allow the manager to update additional information (description, photo, ingredients etc.) for a given food item.

Non-functional requirements

A non-functional requirement is a requirement that specifies criteria that can be used to judge the operation of a system, rather than specific behaviors. Some of the non-functional requirements include:

- The should be sufficient network bandwidth
- Backup- provision for data backup
- Maintainability- easy to maintain
- Performance/ response time- fast response
- Usability by target user community- easy to use
- Expandability- needs to be future proof or upgradable

SOFTWARE REQUIREMENTS SPECIFICATION

1) Hardware Requirements

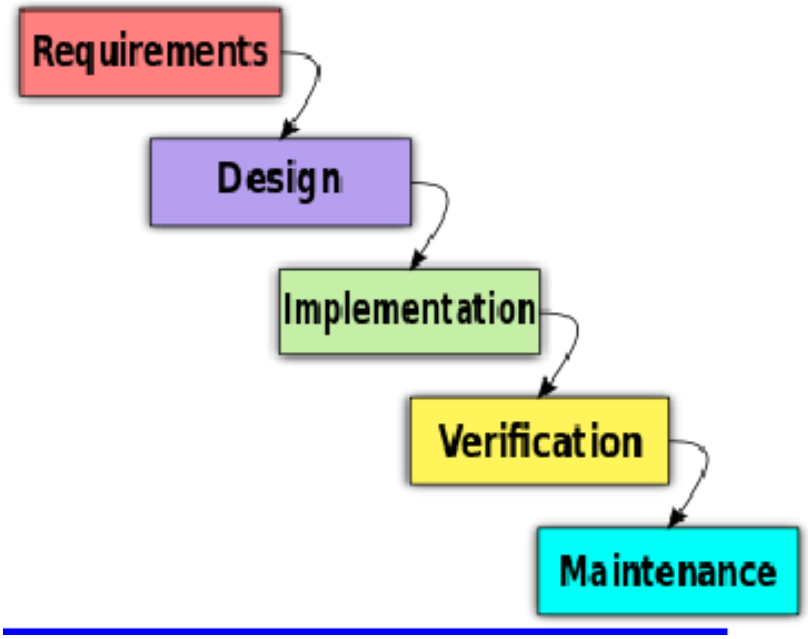
Number	Description
1	PC with 250 GB or more Hard disk.
2	PC with 4GB RAM.
3	PC with Pentium 1 and Above.

2) Software Requirements

Number	Description	Type
1	Operating System	Windows XP / Windows
2	Technology	HTML/CSS/JS
3	Database	MySQL
4	IDE	Visual Code
5	Browser	Google Chrome

PROCESS MODEL

For my project I plan to use waterfall as a process model. The waterfall model is a sequential design process, often used in software development processes, in which progress is seen as flowing steadily downwards (like a waterfall) through the phases of Conception, Initiation, Analysis, Design, Construction, Testing and Maintenance


Requirements
Design
Implementation
Verification
Maintenance