

# LEAN STARTUP

# MANAGEMENT

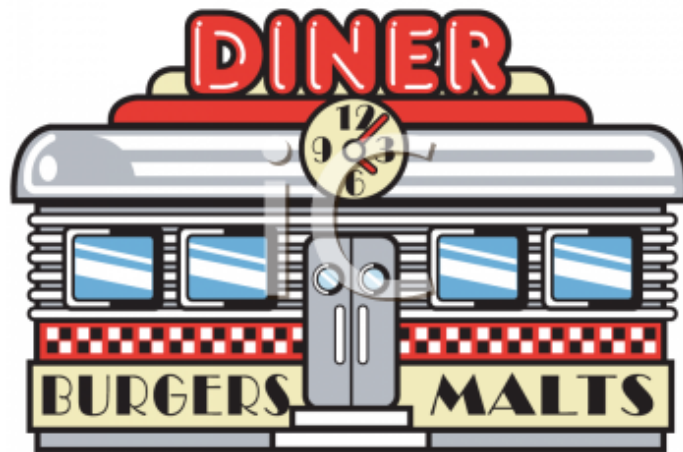
# PROJECT



Winter Semester 2016-2017

# TOPIC:

Restaurant Service System



# Teacher:

Prof.SAMUEL K JOHNSON

# STUDENTS:

- Osho Agyeya(15BCE1326)
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  - Utsav Rai(15BCE1352)

# I. Product Definition

## Problem Statement

To create a site that automates the process of placing orders and reduces miscommunication and discrepancy that occur during the order process and generates the bill automatically.

## Functions to be provided

1. Login and signup of the user
2. Admin login
3. Order placed from user to admin
4. Bill Calculation
5. Update and recover password
6. Accepting and rejecting customer orders

## Processing environment: hardware/software

1. Notepad
2. Web Browser (Google Chrome 53)
3. XAMPP

## User Characteristics

1. Customer
  - Place order
  - Retrieve password
  - Update password
  - Login and Signup
2. Owner
  - View orders
  - View customer details

## **Solution Strategy**

Creating and developing a website which handles requests by the customer and provides the owner with appropriate controls.

## **Product Features**

- Login page
- Signup page
- Forgot Password
- Menu Page
- About Us page
- Location
- Admin view
- Bill generation
- Order database management
- Customer database management

## **Acceptance Criteria**

Simplifies the ordering process and reduces the time complexity.

## **Sources of Information**

- W3Schools
  - Google Material Design
  - Stack Overflow
  - GitHub
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## II. Project Plan

### Life Cycle Model

The software requires the use of waterfall model for developmental processes.

### Team Structure

Non-egoistical work model:

- Front-end designing
- Back-end designing

### Development Schedule

Milestones:

- Requirement elicitation
- Requirement analysis
- Preliminary design
- Final design
- Modular division
- Unit coding
- Module integration
- Testing

Reviews

- PFR (Product Feasibility Review)
- SRR (Software Requirement Review)
- PDR (Preliminary Design Review)
- CDR (Critical Design Review)
- SCR (Source Code Review)
- ATR (Acceptance Test Review)
- PRR (Product Release Review)
- PPM (Project Post-Mortem)

## **Programming languages and development tools**

- HTML
- CSS
- JavaScript
- SQL
- PHP
- jQuery
- XAMPP

## **Manner of demonstration**

Hosting the website on a single system which acts as both the server and client system.

## **Sources of information**

- W3Schools
  - Google Material Design
  - Stack Overflow
  - GitHub
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## SCREEN SHOTS:

The screenshot shows a web browser window with a 'Sign Up!' form. The browser's address bar shows 'kashish' and the page title is 'Sign Up!'. The form fields are as follows:

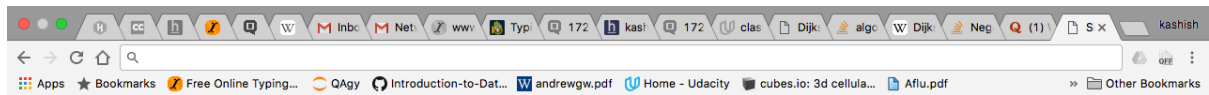
- Username:** Utsav Rai
- Password:** \*\*\*\*\*
- Retype Password:** \*\*\*\*\*
- Contact No:** 9790727516
- Email:** utsav.ra12015@vit.ac.in (highlighted in yellow)
- Address:** VIT CHENNAI

Below the form, there is a 'Security Questions:' section with a dropdown menu showing 'gmial.com' and a list of files: 'Dijkstra (3).ppt', 'dijkstra (2).ppt', and 'dijkstra (1).ppt'. A 'Show All' button is visible on the right.

The screenshot shows a web browser window with a 'Sign Up!' form. The browser's address bar shows 'kashish' and the page title is 'Sign Up!'. The form fields are as follows:

- Username:** Kashish Miglani
- Password:** \*\*\*\*\*
- Retype Password:** \*\*\*\*\*
- Contact No:** 9790727516
- Email:** kashishmiglani10@gmail.com (highlighted in yellow)
- Address:** VIT CHENNAI

Below the form, there is a 'Security Questions:' section with a dropdown menu showing 'gmial.com' and a list of files: 'Dijkstra (3).ppt', 'dijkstra (2).ppt', and 'dijkstra (1).ppt'. A 'Show All' button is visible on the right.



# Sign Up!

**Username**  
Osho Agyeya

**Password**  
.....

**Retype Password**  
.....

**Contact No:**  
9790783927

**Email**  
osho.agyeya2015@vit.ac.in

**Address**  
VIT CHENNAI

## Security Questions:

