



CANTEEN MANAGEMENT SYSTEM

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Abstract : In this project the admin will be publishing the menu for the next days food/snacks item and the customers will be booking the required food/snacks items for them according to the interval time. The customers will be booking it a day before yesterday with a booking period till 8pm for the next day. And after booking a bill will be generated with a QR Code and an Order ID. After the customer eats the food they will be showing this bill and the payment will be via cash. This system is required for the get knowing how much food/snacks items should be prepared for the Canteen Admin. And this will be reduce the no.of food/snacks items getting waste and the customer shouldn't be worried of getting the items out of stock.

IndexTerms - Component,formatting,style,styling,insert.

I. INTRODUCTION

INTRODUCTION

Canteens play a vital role in providing sustenance and refreshments to individuals in various institutions, be it schools, colleges, or corporate offices. However, managing canteens efficiently poses challenges such as inventory management, reducing food wastage, and ensuring customer satisfaction. To address these challenges, the implementation of a robust Canteen Management System becomes imperative

SYSTEM ANALYSIS

EXISTING SYSTEM

On estimates, leading to food wastage or shortages. Customers have limited visibility into the available items, often resulting in dissatisfaction when their preferred choices are unavailable. Moreover, the absence of a systematic ordering and payment process makes it difficult for canteen administrators to forecast demand accurately.

DRAWBACKS:

Limited choices for customers.

Wastage of food while there are less customers.

No time management.

Chaos at the food counter.

Confusion for the customer and employees.

PROPOSED SYSTEM

The proposed Canteen Management System aims to streamline operations, enhance customer experience, and optimize resource utilization. It leverages technology to provide real-time visibility into menu offerings, facilitates pre-ordering, and automates payment processes. By adopting this system, canteens can mitigate food wastage, ensure availability of preferred items, and improve overall efficiency

ADVANTAGES:

Food made on the demand of customers.

Make some more food for backup or in case of emergencies.

QR code generated for every order.

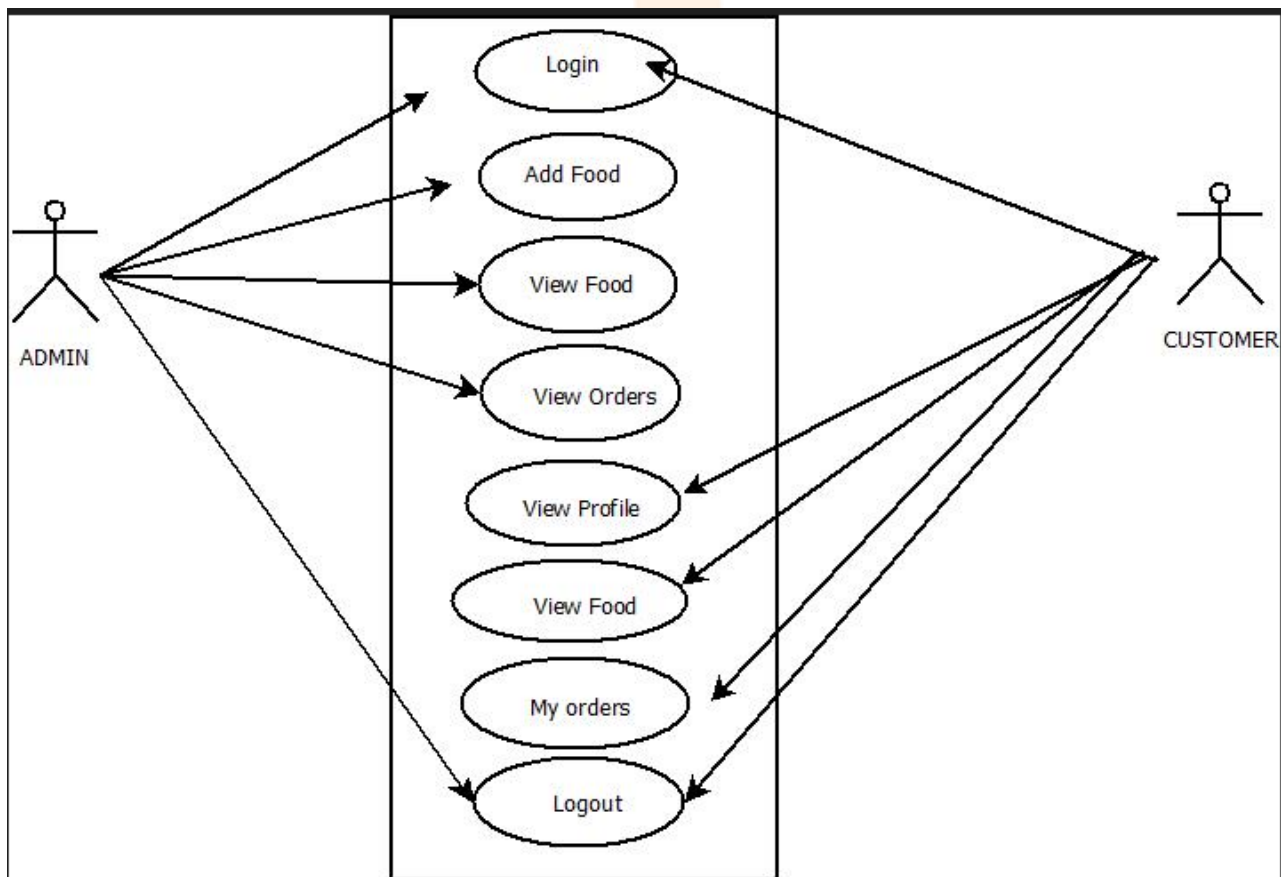
During recess customer could show the QR code to get their food.

Order cancellation is available.

SYSTEM DESIGN

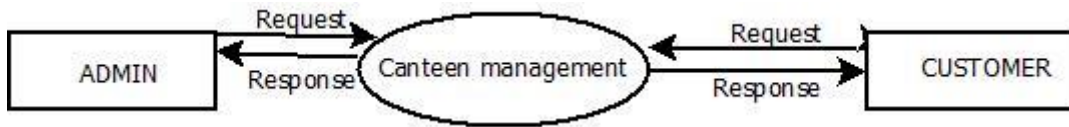
DESIGN NOTATIONS

3.1.1 USE CASE DIAGRAM

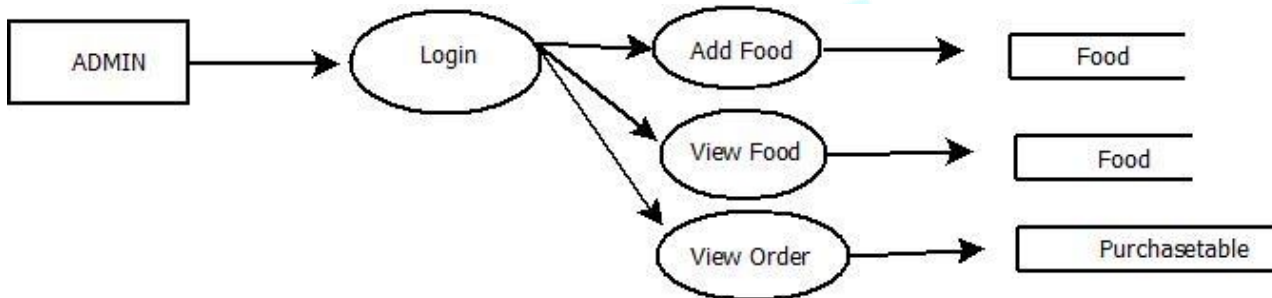


3.1.2 DATA FLOW DIAGRAM

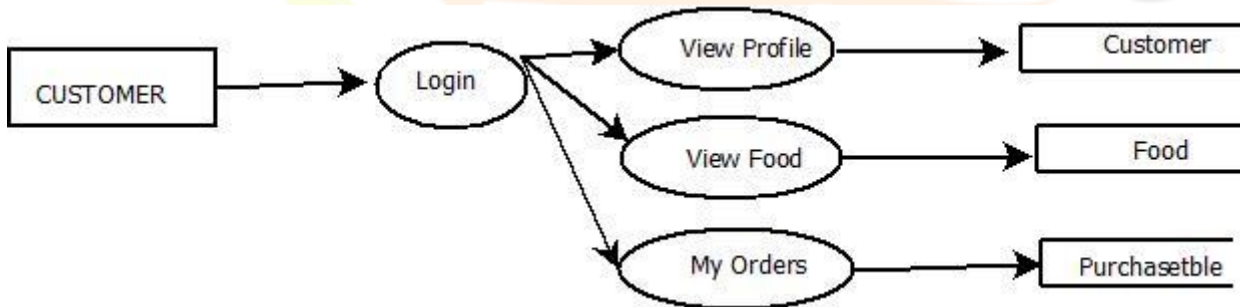
LEVEL 0



LEVEL 1 DFD ADMIN



LEVEL 1.1 DFD CUSTOMER

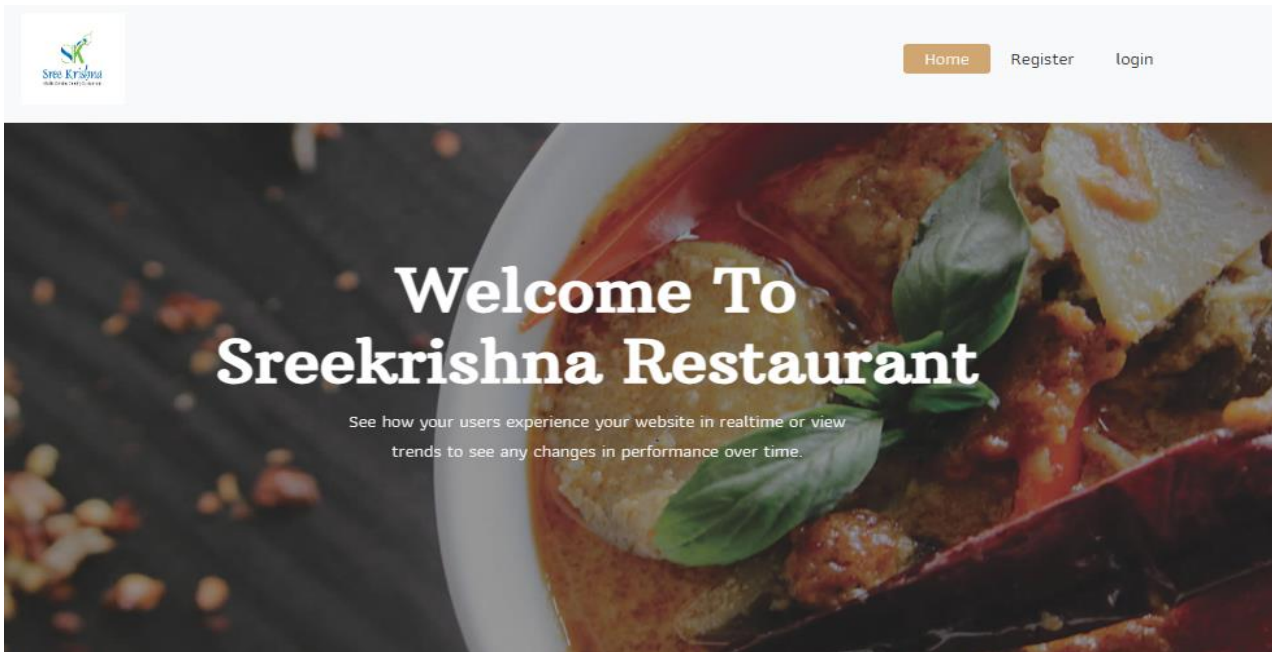


CONCLUSION

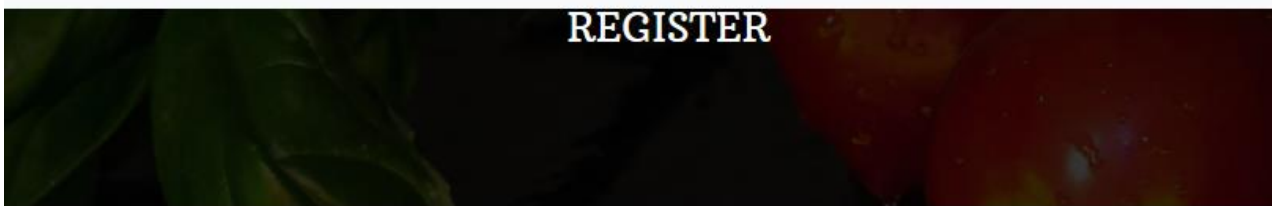
The proposed Canteen Management System offers a comprehensive solution to the challenges faced by traditional canteen operations. By implementing this system, institutions can optimize resource utilization, reduce food wastage, and enhance customer satisfaction. It not only benefits canteen administrators by providing real-time insights but also improves the overall dining experience for customers.

SAMPLE SCREENS

6.3.1 HOME PAGE



6.3.2 REGESTERING PAGE



Your Name
Your Contact
Your email
Your username
Your password
confirm password

REGISTER

6.3.3 MENU PAGE

Special Menu



6.3.4 ORDER DETAILS



View Food Purchase

Customer name	Food name	Price	Cardname	Card number	Status	Cancel Order	Qr Code
jerin	Apple	50	Jerin	2837498742	Success	cancel order	QR code generate
jerin	Orange	40	rthj	24365	Success	cancel order	QR code generate

6.3.5 QR CODE GENERATED FOR ORDER



DOWNLOAD QR

