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# PROJECT REPORT

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## ONLINE RESTAURANT ORDERS

Submitted By:

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# DOCUMENTATION

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## **Project Title**

Online Restaurant Orders

## **Name for the Website**

A2Z Restaurant

## **Project Description**

- We have designed a web-based application that is an online restaurant orders for the user to order food online.
- The system allows you to register and create your profile which stores user data such as email, added to cart items, order history, etc. and the user can access this data and records by using the login mechanism provided in the application.
- Login feature only requires email and password of the existing user to log back into the respective user's profile.
- We have hashed the user passwords and it is stored in the database in the hashed version itself so as to provide more secure login features.
- Users can also search for the food items based on different search keywords.
- The search page also provides the filters such as Appetizers, Lunch Specials, Soups and Salads to filter food item preferences as per their choice.
- Separate admin page is created with extra features such for Adding New food Item, Editing Item, Delete Item. Food Item delete is soft delete and "Not Available" message is displayed
- An extra feature is added where if user has an item in cart, but admin deletes it the item is highlighted in user's cart and cannot be ordered.
- User can also see their previous order transactions which have been recorded and is displayed in order history page.
- Initially, we have assumed that there is only one restaurant and we are providing the different food services within the same restaurant.

## Database Design

- We have used NoSQL (MongoDB) in our project.
- The database consists of five collections namely:
  1. Menu
  2. Orders
  3. Carts
  4. Users

The screenshot displays five MongoDB documents side-by-side:

- menu**: Contains items like "buffalo wings" with a cost of 10 and type "appetizer".
- orders**: Shows an order with a total cost of 10, containing items "caesar" (cost 6, type lunch) and "spinach dip" (cost 5, type appetizer).
- users**: Details a user named "admin" with email "admin@gmail.com" and password "S2b2l0SzahRr/WfNlpooawesY1LeuiLbI0ExQfclqd4k1u8zZhpN3k2Ny".
- cart**: A cart object with an item "bd0237db5e09239668cafcb1b53cb06cf" and a quantity of 2.
- orders**: Another order document with details matching the one in the 'orders' collection above.

Below the documents, the MongoDB shell command `db.getCollection('users').find({})` is shown, along with its execution results. The results show three users: "admin" (id 5c0464a60d16dd378c23d9d7), "patti" (id 5c0465950d16dd378c23d9d9), and "user1" (id 5c0465c800d16dd378c23d9f9).

## Database Collections

## Language or Framework Used

### ➤ Technologies:

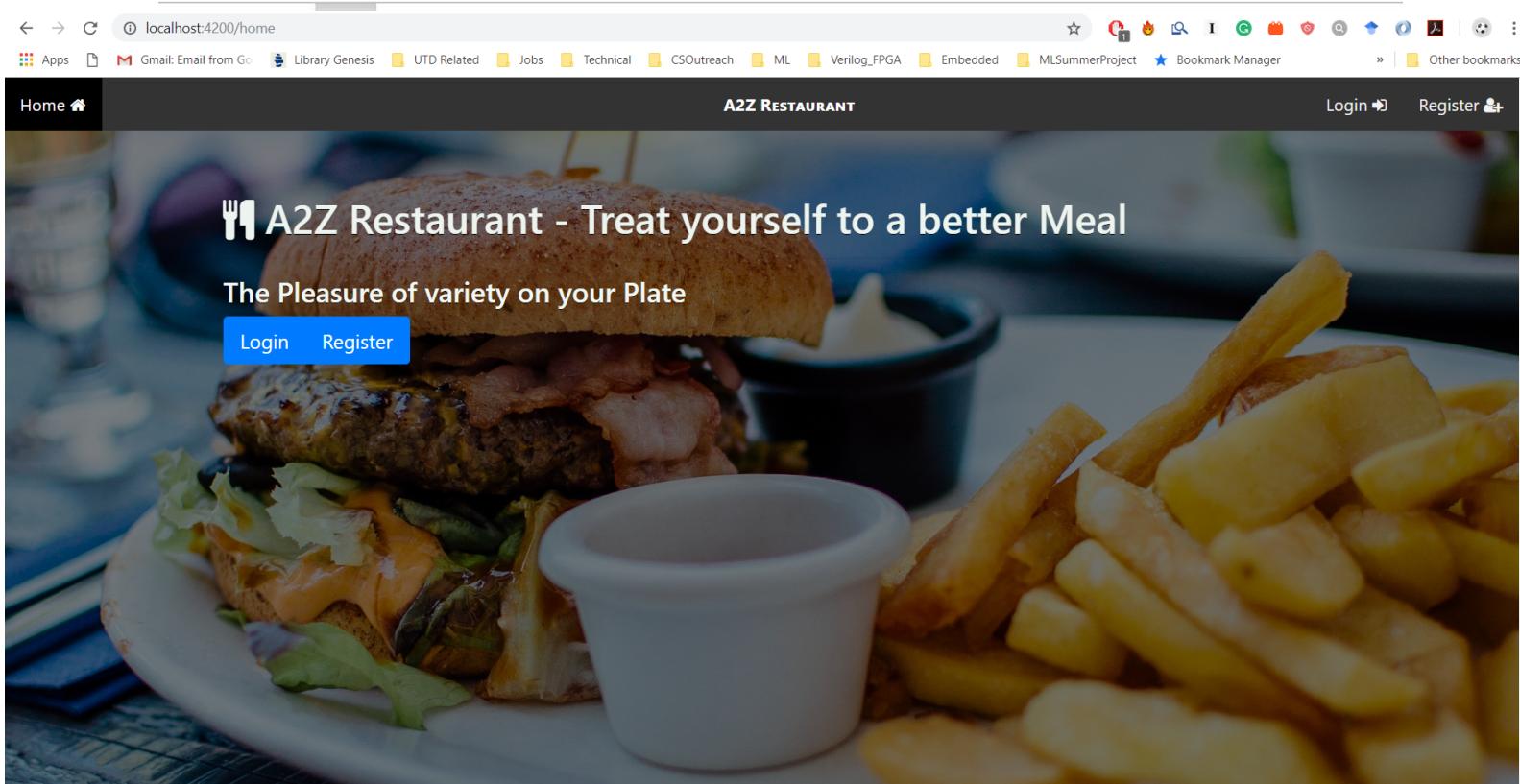
- HTML
- Bootstrap
- CSS
- JavaScript
- MongoDB, ExpressJS, Angular 7, NodeJS

### ➤ Software:

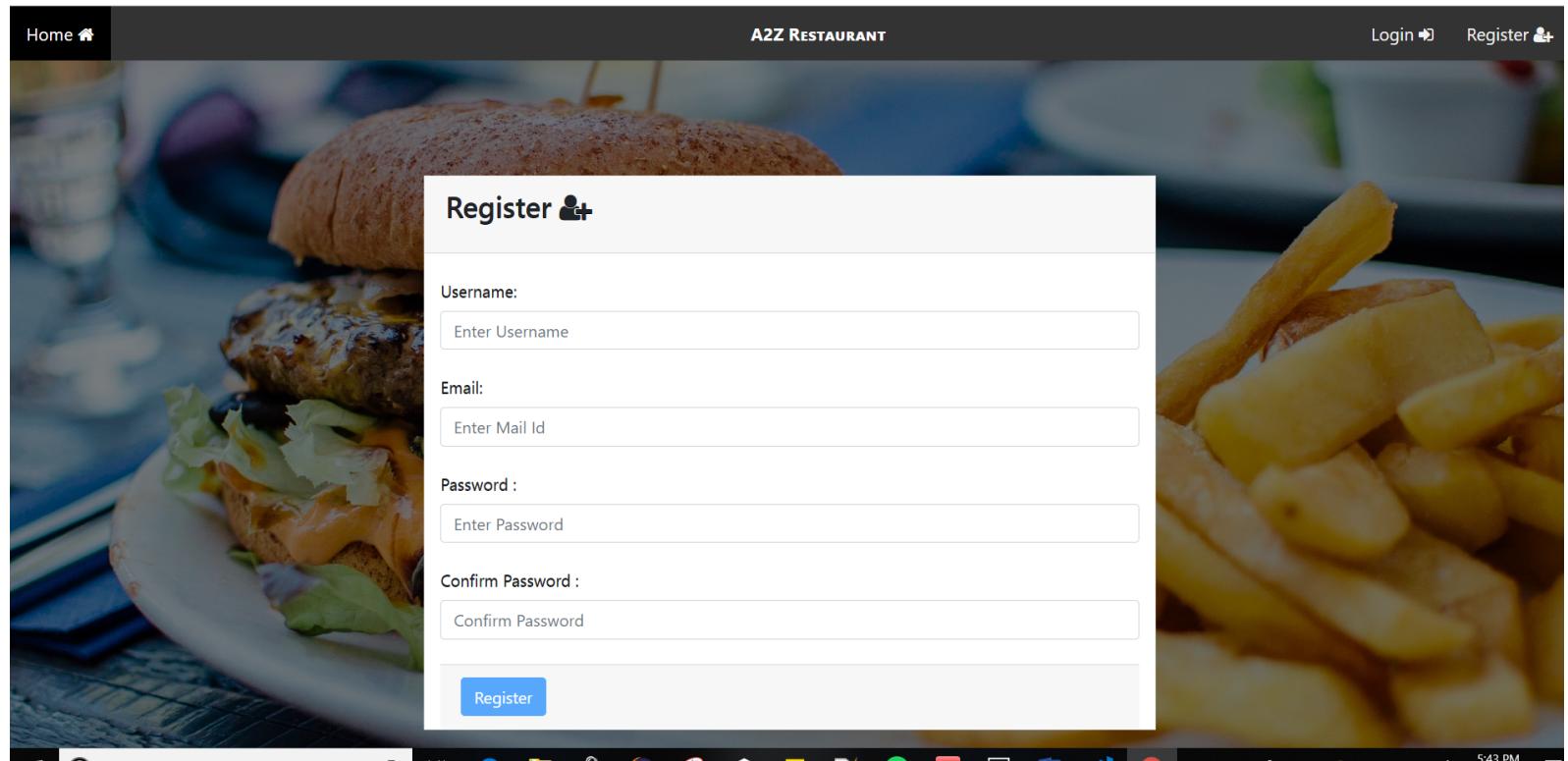
- Visual Studio Code
- Robo 3T, Postman

## Page Screenshots

### 1. Home Page



## 2. Sign Up Page



The background of the page features a close-up photograph of a sandwich with lettuce and cheese, served with a side of golden french fries.

**A2Z RESTAURANT**

**Register** 

**Register** 

**Username:**

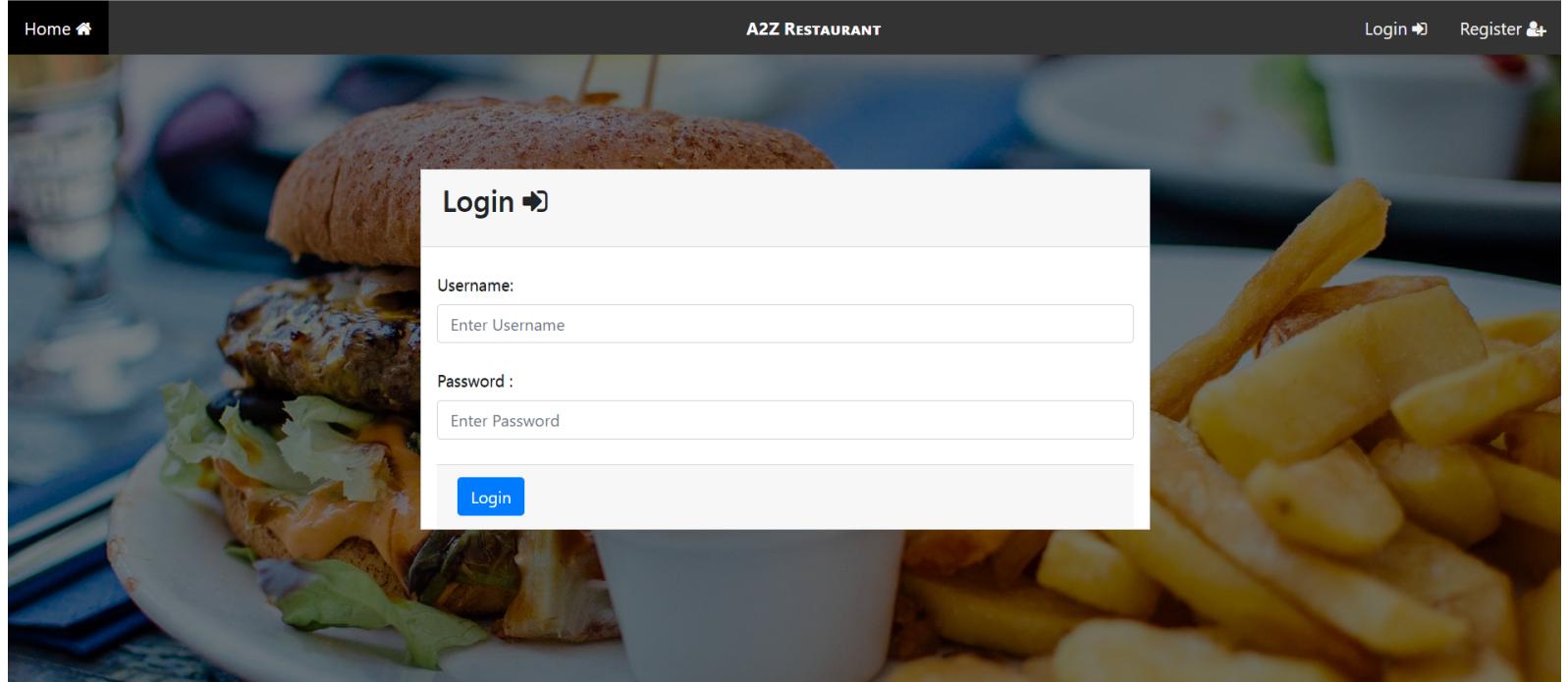
**Email:**

**Password :**

**Confirm Password :**

**Register**

## 3. Login Page



The background of the page features a close-up photograph of a sandwich with lettuce and cheese, served with a side of golden french fries.

**A2Z RESTAURANT**

**Login** 

**Login** 

**Username:**

**Password :**

**Login**

#### 4. Menu Page (user view)

The screenshot shows the user menu page for A2Z Restaurant. At the top, there's a navigation bar with 'A2Z RESTAURANT' and 'Logout'. Below it, a banner says 'Welcome, USER'. On the left, there's a search bar and a dropdown menu set to 'All'. The main area displays three food items in cards:

- caesar** (Price: \$6.00) - An image of a Caesar salad.
- manchow soup** (Price: \$8.00) - An image of a bowl of manchow soup.
- tomato soup** (Price: \$7.00) - An image of a bowl of tomato soup.

Each card has an 'Add to Cart' button. The bottom of the screen shows a taskbar with various icons and the date 12/6/2017.

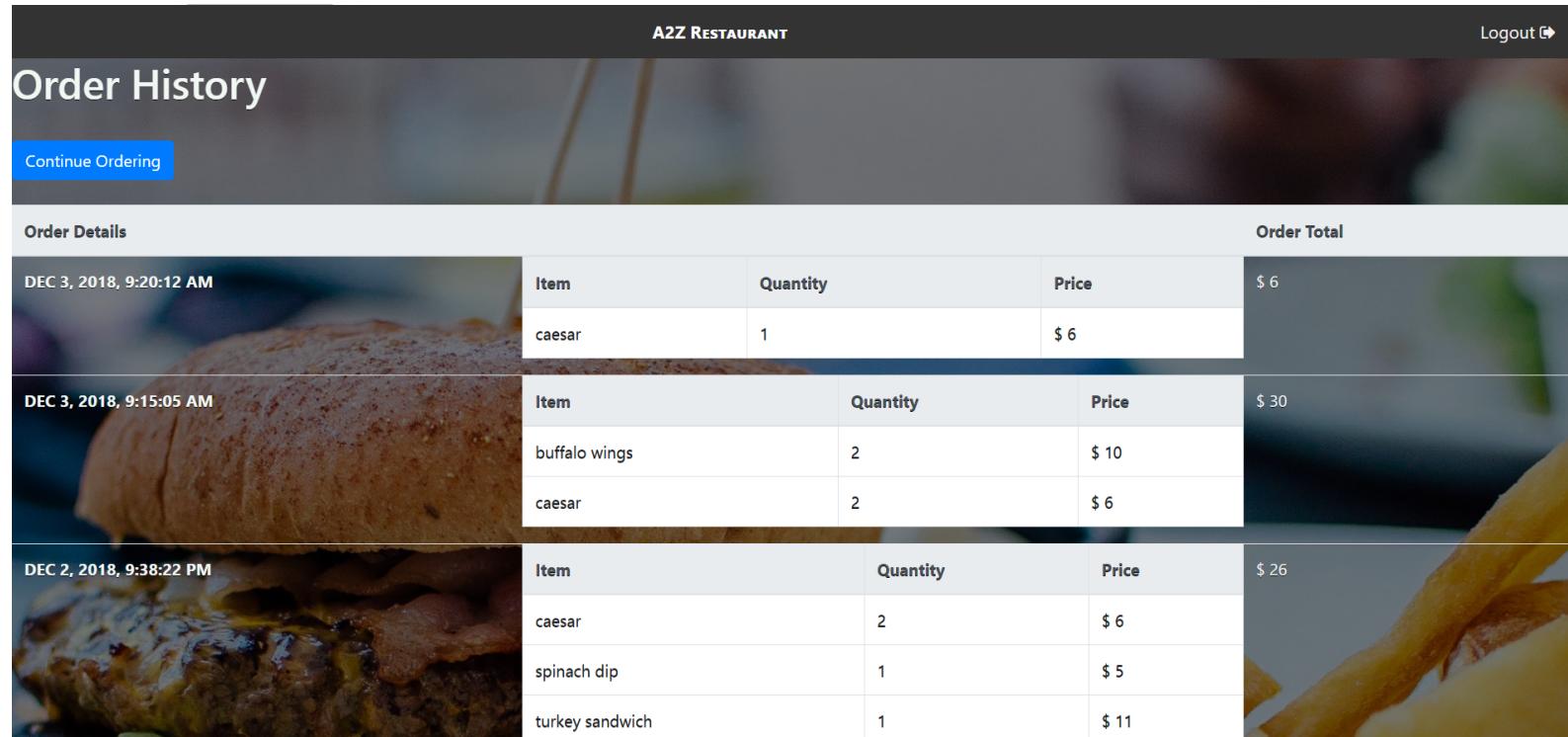
#### 5. Menu Page (admin view)

The screenshot shows the admin menu page for A2Z Restaurant. At the top, there's a navigation bar with 'A2Z RESTAURANT' and 'Logout'. Below it, a banner says 'Welcome, ADMIN'. On the left, there's a search bar and a dropdown menu set to 'All'. The main area displays four food items in cards:

- buffalo wings** (Price: \$10.00) - Not Available. An image of buffalo wings.
- caesar** (Price: \$6.00) - Available. An image of a Caesar salad.
- spinach dip** (Price: \$5.00) - Not Available. An image of a bowl of spinach dip.

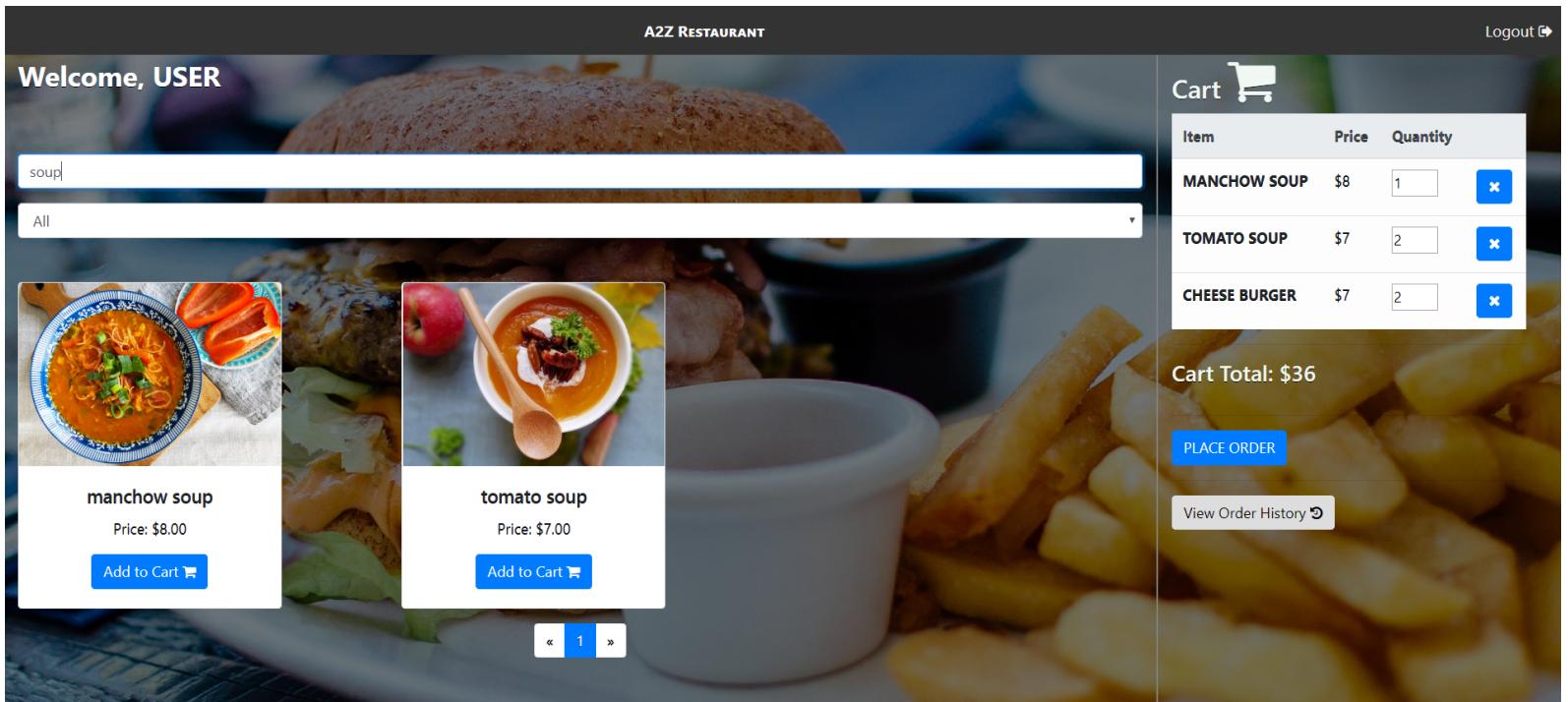
Each card has an 'Add to Cart' button and edit/delete buttons. The bottom of the screen shows a taskbar with various icons and the date 12/6/2017.

## 6. Order History



Order Details				Order Total
Date	Item	Quantity	Price	
DEC 3, 2018, 9:20:12 AM	caesar	1	\$ 6	\$ 6
DEC 3, 2018, 9:15:05 AM	buffalo wings	2	\$ 10	\$ 30
	caesar	2	\$ 6	
DEC 2, 2018, 9:38:22 PM	caesar	2	\$ 6	\$ 26
	spinach dip	1	\$ 5	
	turkey sandwich	1	\$ 11	

## 7. Search and Cart Details



Welcome, USER

AZZ RESTAURANT [Logout](#)

soup

All

**manchow soup**  
Price: \$8.00  
[Add to Cart](#)

**tomato soup**  
Price: \$7.00  
[Add to Cart](#)

Cart 

Item	Price	Quantity	X
MANCHOW SOUP	\$8	1	X
TOMATO SOUP	\$7	2	X
CHEESE BURGER	\$7	2	X

Cart Total: \$36

[PLACE ORDER](#)

[View Order History](#)

« 1 »

## 8. Add Item

A2Z RESTAURANT

Logout 

### Add New Item

Item Name

Enter food Name

Item Type

Appetizers

Item Price

Enter price of food

Upload new image

No file chosen

## 9. Edit Room

A2Z RESTAURANT

Logout 

### Edit Item

Item Name:

spinach dip

Item Type:

Appetizers

Item Price:

5

Item Availability:

N

Upload new image:

No file chosen

## **Team Members**

S. No.	Name	Net-Id
1.	Abhishek Murlidhar Patil	amp170830
2.	Karthik Reddy Vudagandla	kxv170930
3.	Vivek Nagalapura Ravindra	vxn170230

## **Work Division**

S. No.	Name	Role
1.	Abhishek Murlidhar Patil	Admin add, delete, edit items, CSS part, part of backend
2.	Karthik Reddy Vudanga	Search, Sign Up, Login, Order History and part of functionalities
3.	Vivek Nagalapura Ravindra	Backend functionality, Pagination, Filter, part of functionalities