

**A PROJECT REPORT  
ON  
RESTAURANT  
  
BACHELOR OF TECHNOLOGY  
IN  
COMPUTER SCIENCE AND ENGINEERING**

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# **Project Profile**

- 1. Project Name: Restaurant**
- 2. Software Used: Notepad**
- 3. Documentation Tool: MS Word 2019**
- 4. Drawing Tool: MS Visio 2019**

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## **1. Introduction**

Introduction to Online Restaurant Website Abstract- “Online Restaurant Website” is considered as an increasingly used application in restaurant management. Just a few years ago, people used to spend long time waiting for a table to be ready for them at a restaurant . And after that , they would wait longer time to order their food. There was no surprise that the food took too long time to prepared. In short , the whole enjoyment of eating did eventually result in boredom and tiredness for customers. From another side , this is the restaurant management and staff who used to stand much pressure to handle a lot of customers at the same time. With great technology in genral and the This traditional system is a restaurant paper menu and ordering system is replaced with an electronic medium that is digital tablet. Due to a digitalized system , the risk of manual errors is eliminated , thus eliminating the communication barrier. This system is a web application. This system is developed to automate day to day activity of a restaurant. Restaurant is a kind of business that serves people all over world with ready-made food. The main point of developing this system is to help restaurant administrator manage the restaurant business and help customer for online ordering and reserve table. In proposed system user can search for a menu according to his choice that is according to price range and category of food and later he can order a meal. The purpose of this document is that the requirements mentioned in it should be utilized by software developer to implement the system.

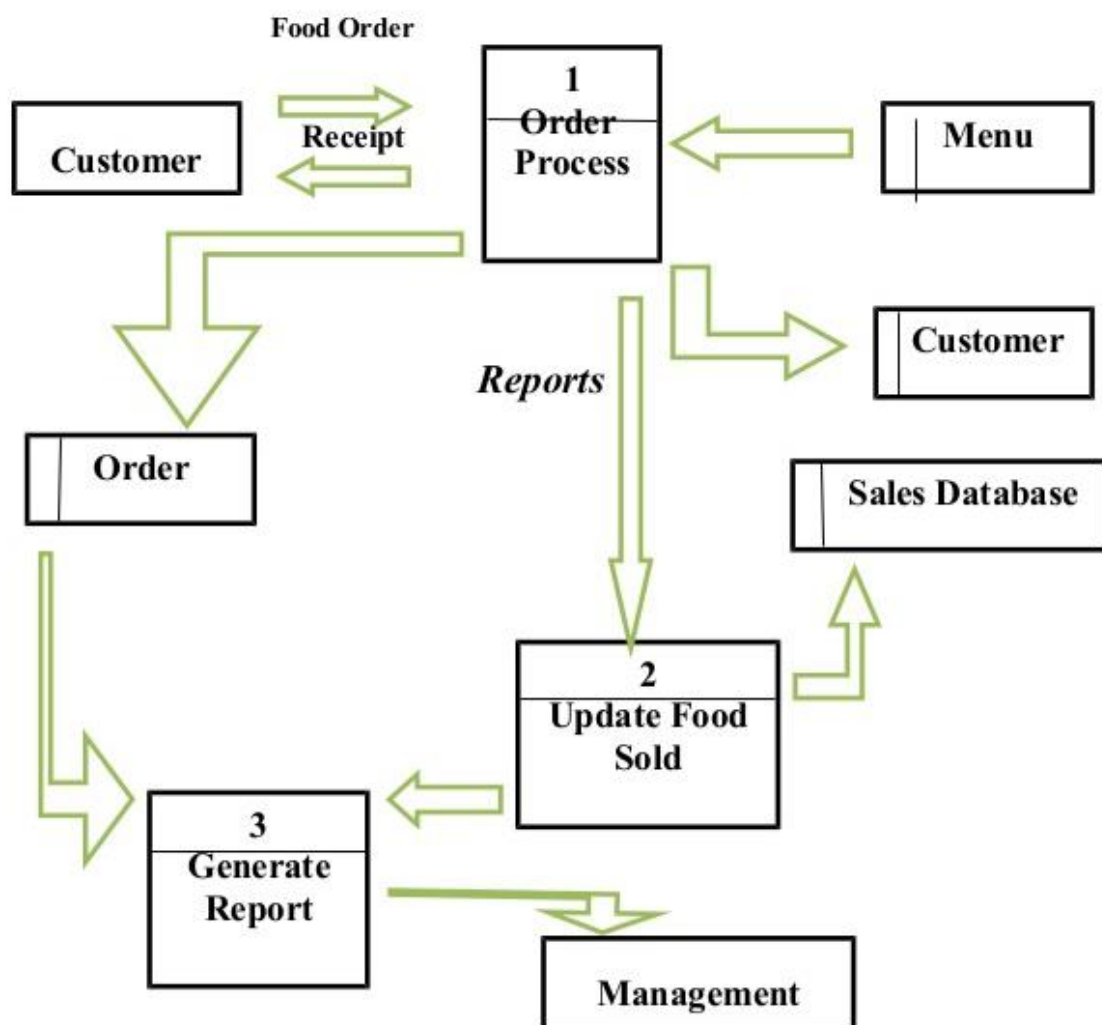
## **2. Objectives**

The main Objective of the Online Food Ordering System is to manage the details of Item, Category, Food, Delivery Address, Order . The project is totally built at administrative end and thus only the administrator is guaranted the access. The purpose of the project is to build an application program to reduce the manual work for managing the Item , Category , Food , Customer , Delivery Address. It tracks all the details about delivery. Objectives are geared towards providing a satisfying customer experience that includes enjoyable food and a relaxing atmosphere. Users of the web ordering system , namely restaurant customers, must be provided the following objectives:

- This will minimize the number of employees at the counter.
- The nature of online restaurant.
- The Documentation for online restaurant management system.
- The system will provide good Serving Quality and Affordable Foods.

- To ensure customer satisfaction and build a repeat-customer base.
- The system will help to reduce the cost of labour.
- The system will be less probable to make mistake , since it's a machine.
- This will avoid long queues at the counter due to the speed of execution and number of optimum screens to accommodate the maximum throughput.

### 3. Data Flow Diagram:



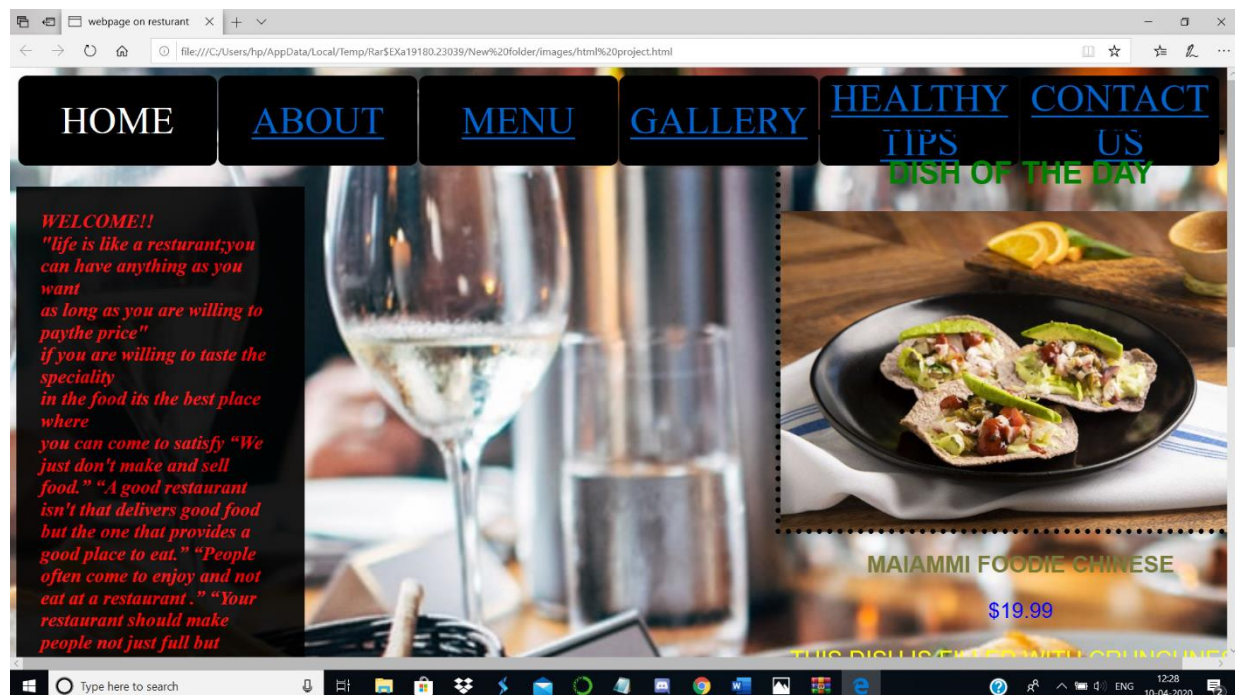
#### 4. Description of the project:

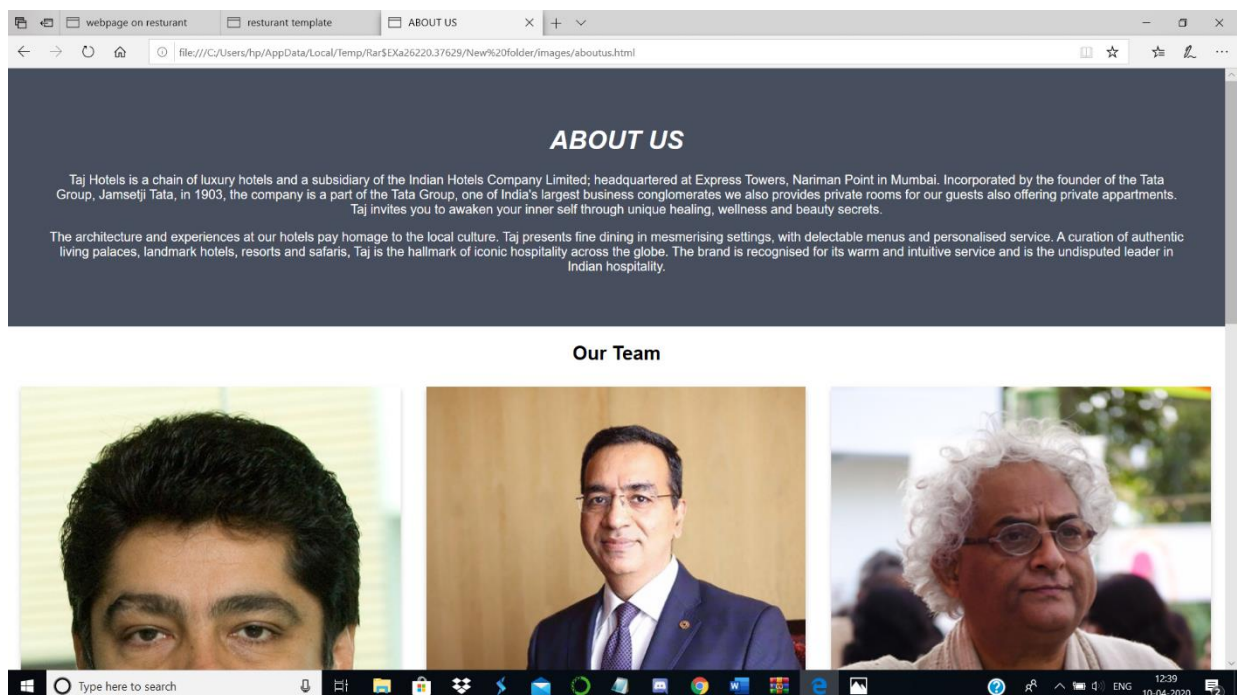
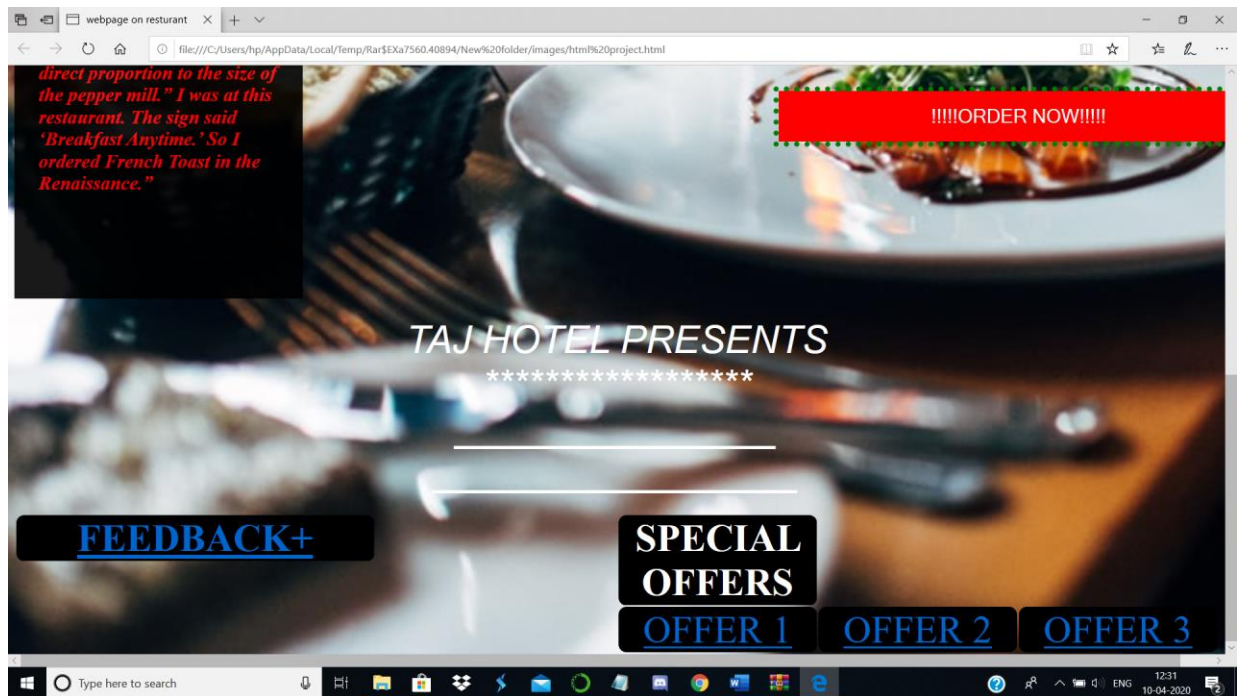
The project is based upon “Online Restaurant Management System”. The main purpose of this project is to provide good Serving Quality and Affordable Foods . This Online system will help to reduce the cost of labour and also this system will be less probable to make mistake , since it’s a machine . This system will avoid long queues at the counter due to the speed of execution .

#### Modules of Project:

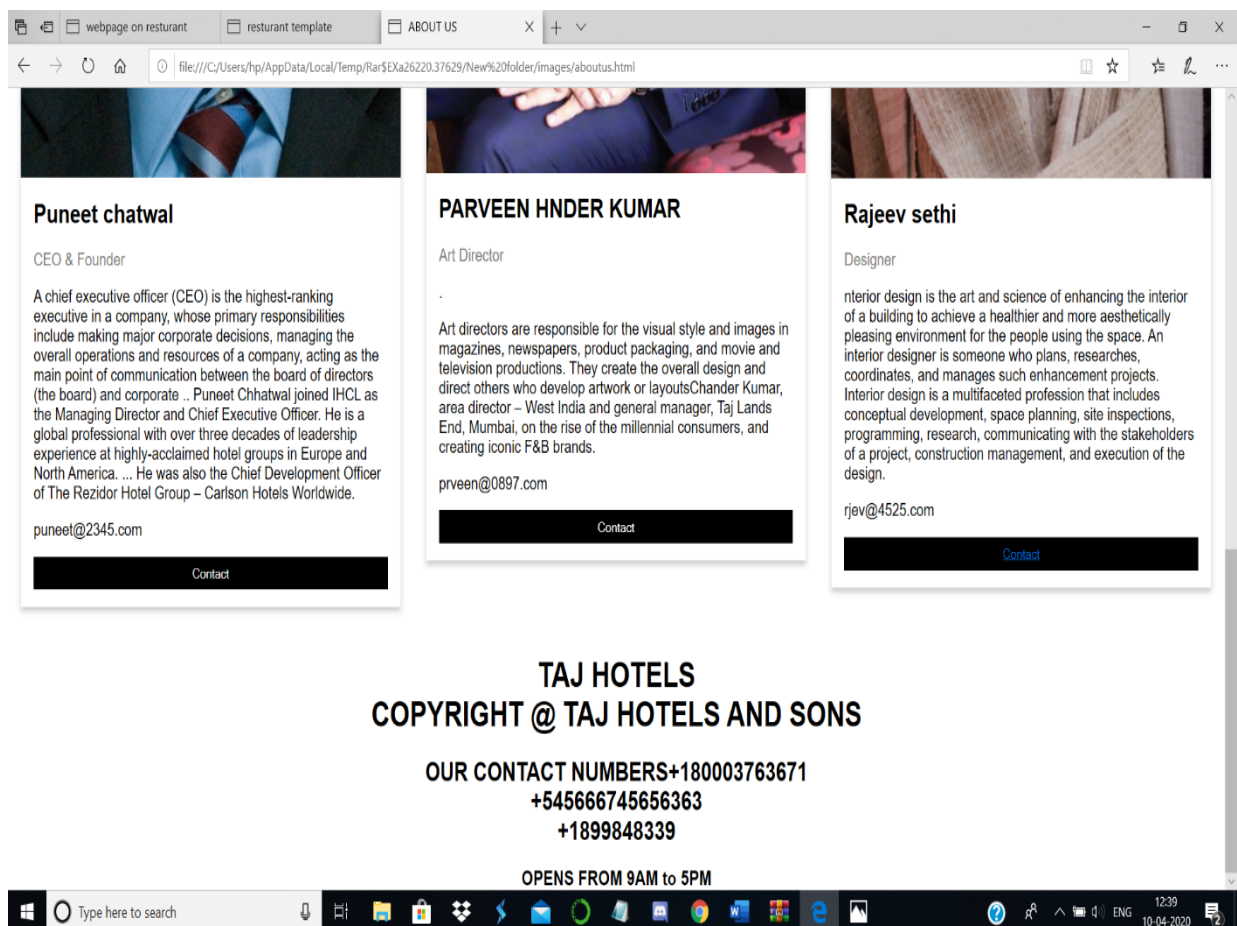
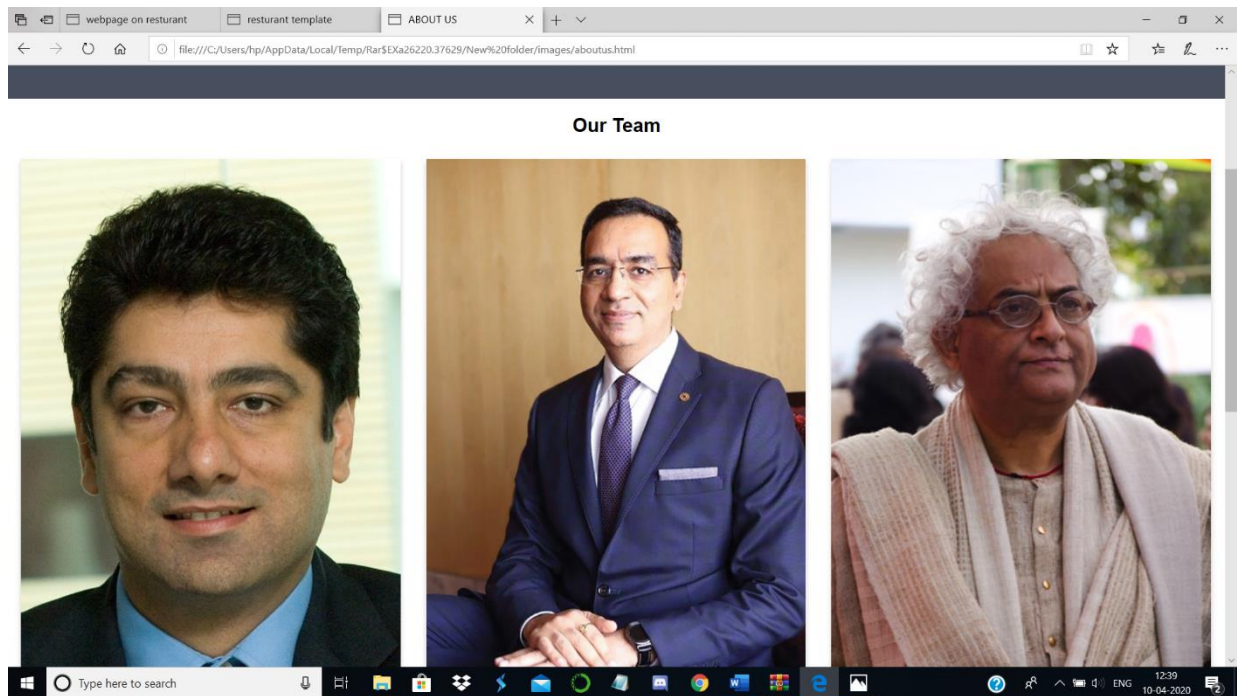
- **Menu :** The name insists, it contains the information of all menus and its related matter. The purpose here is to provide customers all the information regarding menu such as Name (item), Description, Category, price and status (to check customer, whether that item is currently available or Not!!).  
Later, at the management’s point of view, we provide user ID (uniquely selected by management staff) to alter the contents of table.
- **Menu according to the time of order delivery:** During login, the costumer has to enter the time of delivery, and the menu items will appear accordingly. As availability of items differ from time to time.
- **Allow to search menu according to price:** Customers can search menu according to price range and the category as well, this functionality will be working as a search under search, i.e. first search criteria will be time of order delivery (which is default for all cases) and the later will be search within those menus according to price and category.
- **Order :** This table tells about the Order ID (which is a primary key), who has placed the order and gives details about the time when order was placed and the time when the order will be delivered; along with the status of the order.
- **About us :** In this customer can know the details of my restaurant , opening time of restaurant and also the contact details are given.
- **Gallery :** In Opening Gallery all the photos of Dishes ,good quality of dish ,details ,price of dishes are given.

- **Healthy Tips :** In this module some healthy tips are mentioned for customers.
- **Contact Us:** In this module when you open it, then put your name , email , contact no. or you can directly message to our restaurant or contact to my restaurant.
- **Feedback:** When you opening this module it is contacted with contact us module, you can leave your feedback about my restaurant on it.
- **Dish of the day:** In this module the dish of the day with full detail mentioned to customer.
- **Special Offer module:** In this module the 50% cut off offers are provided . When customer open this module ,then under this module three more modules are mentioned that is: Offer1,Offer2,Offer3 are mentioned.

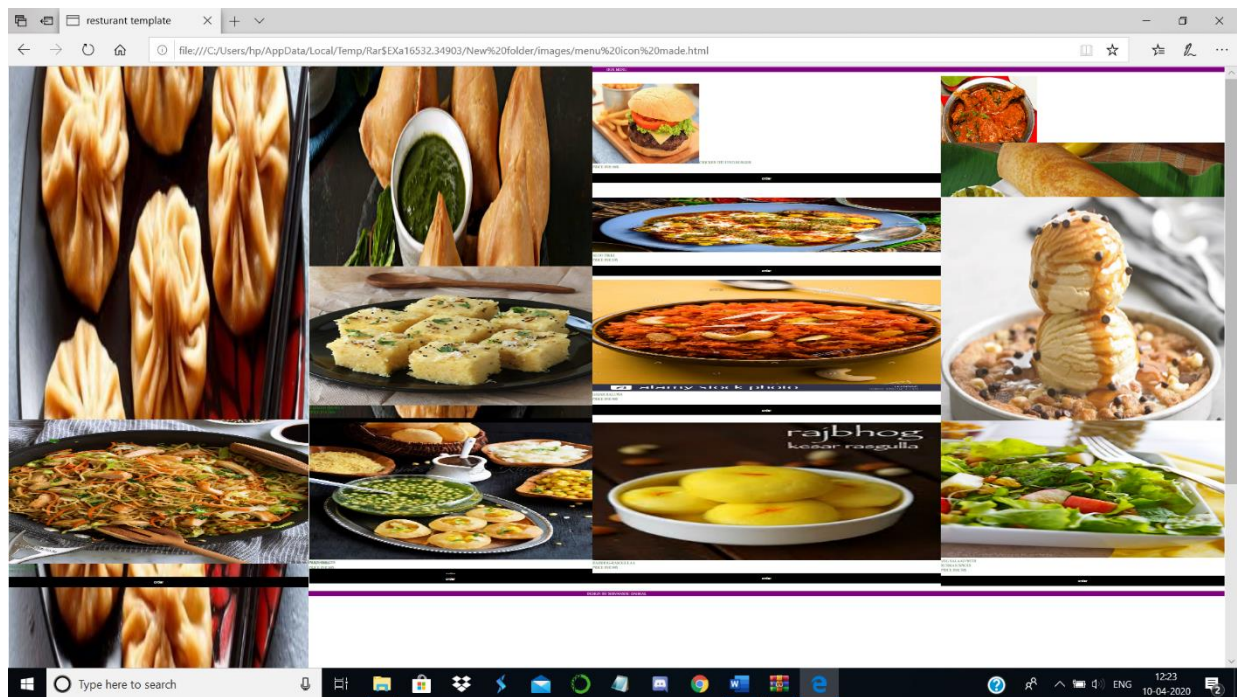
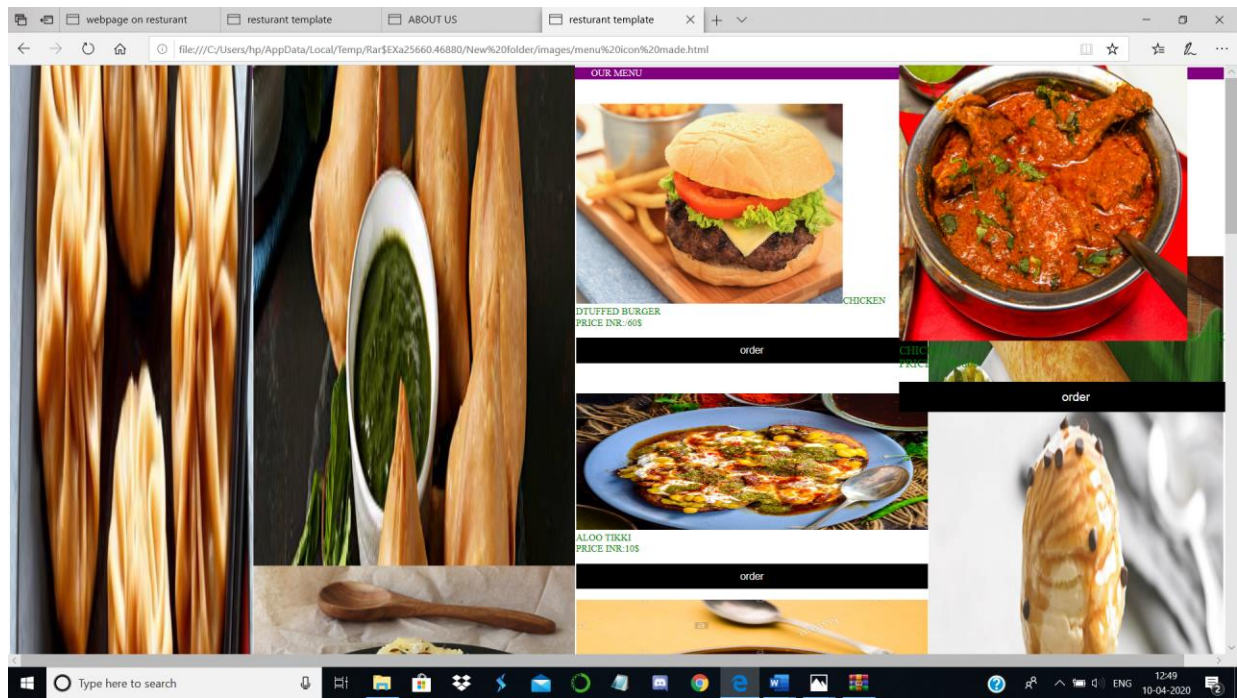


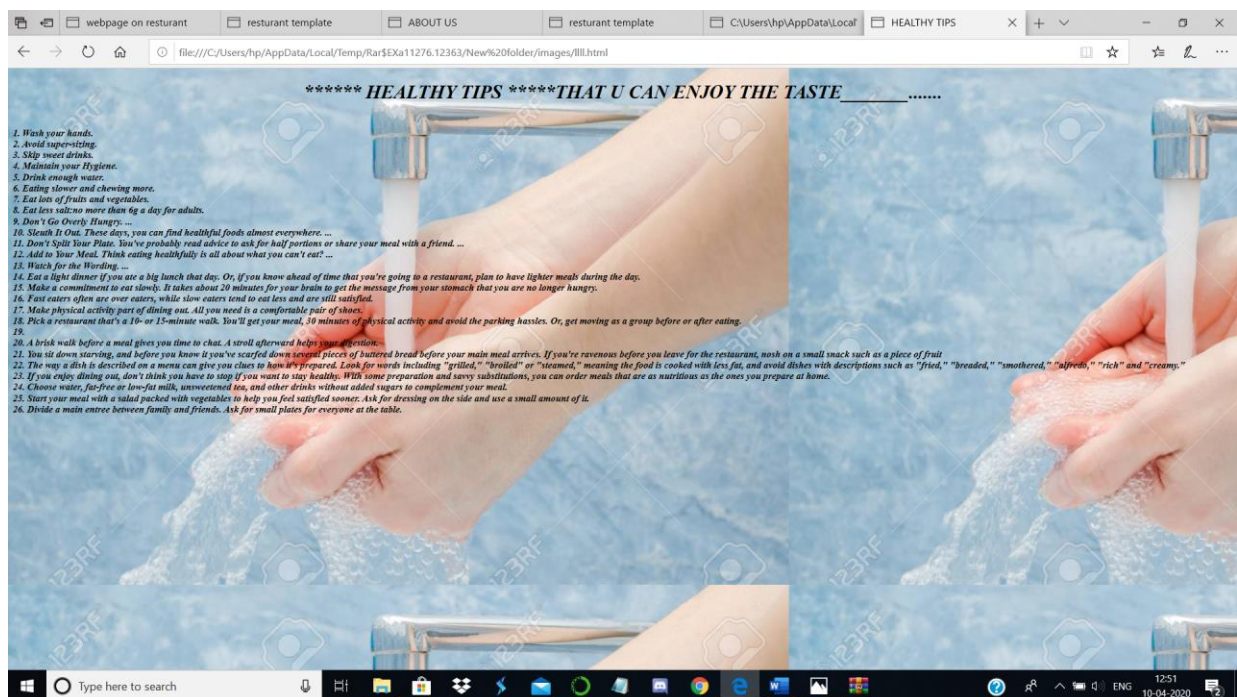
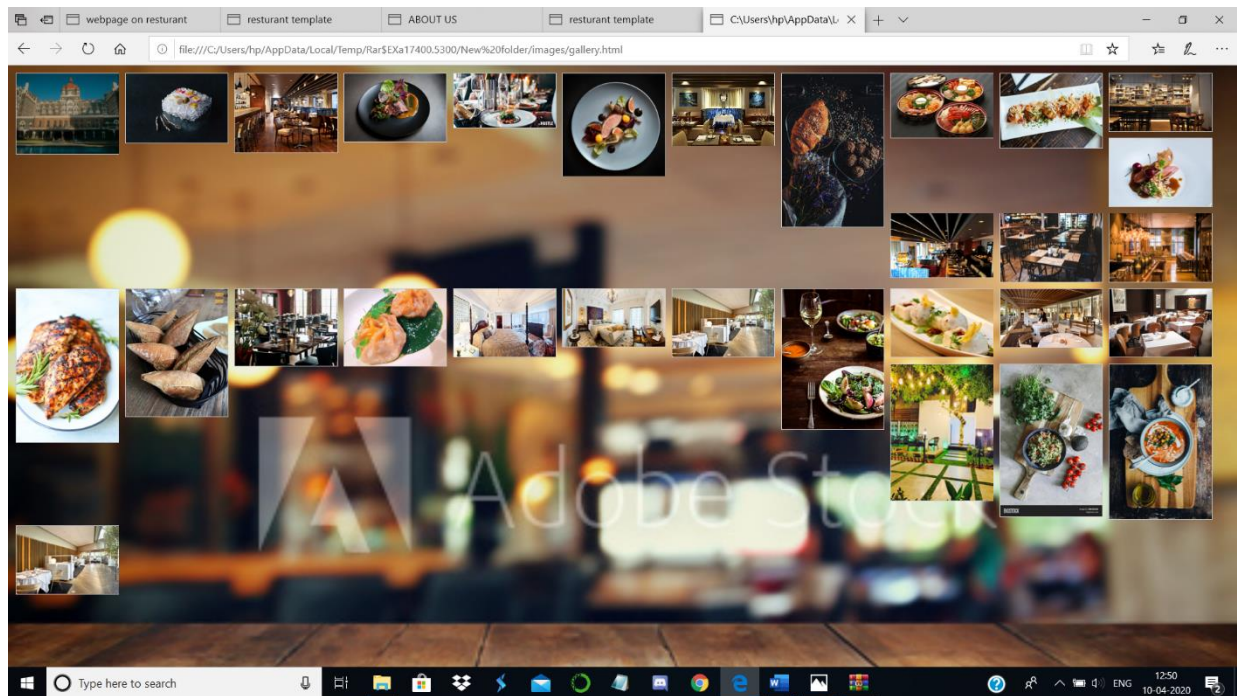




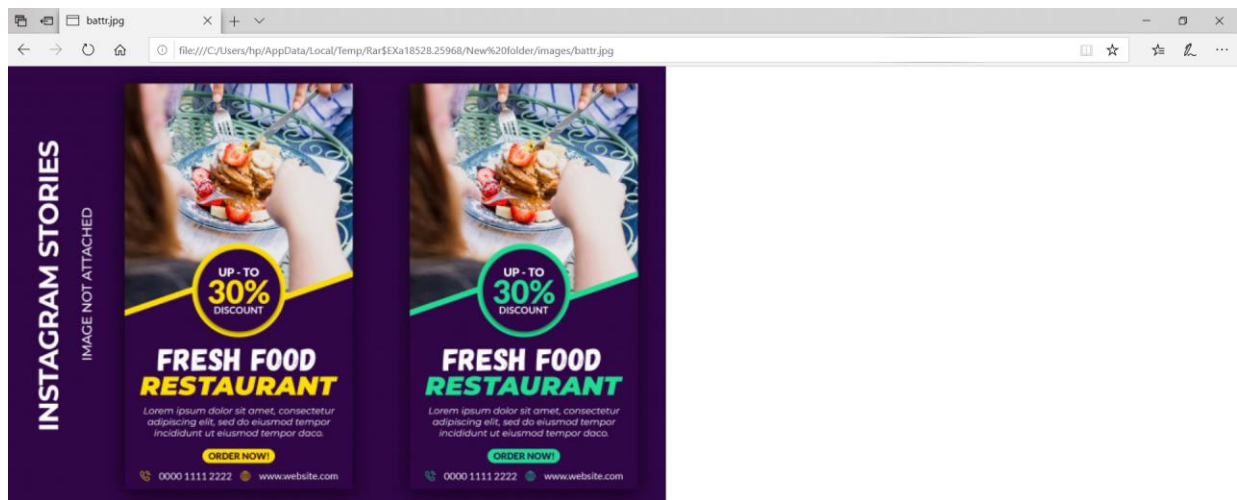
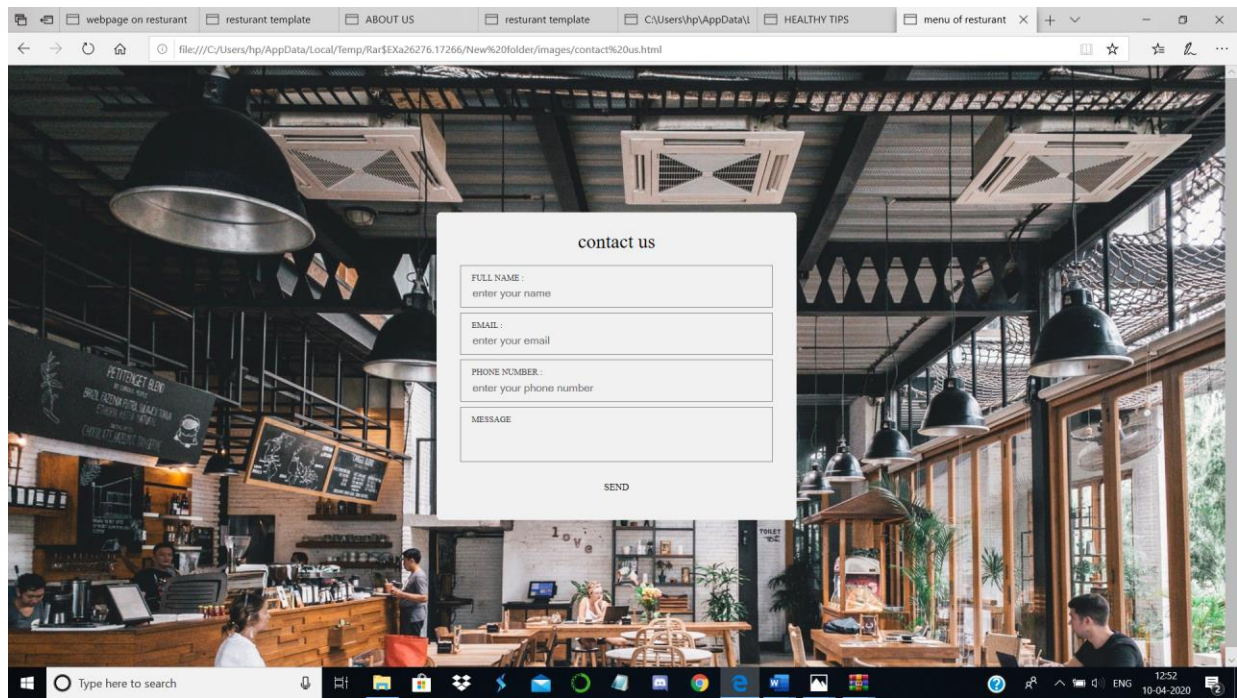


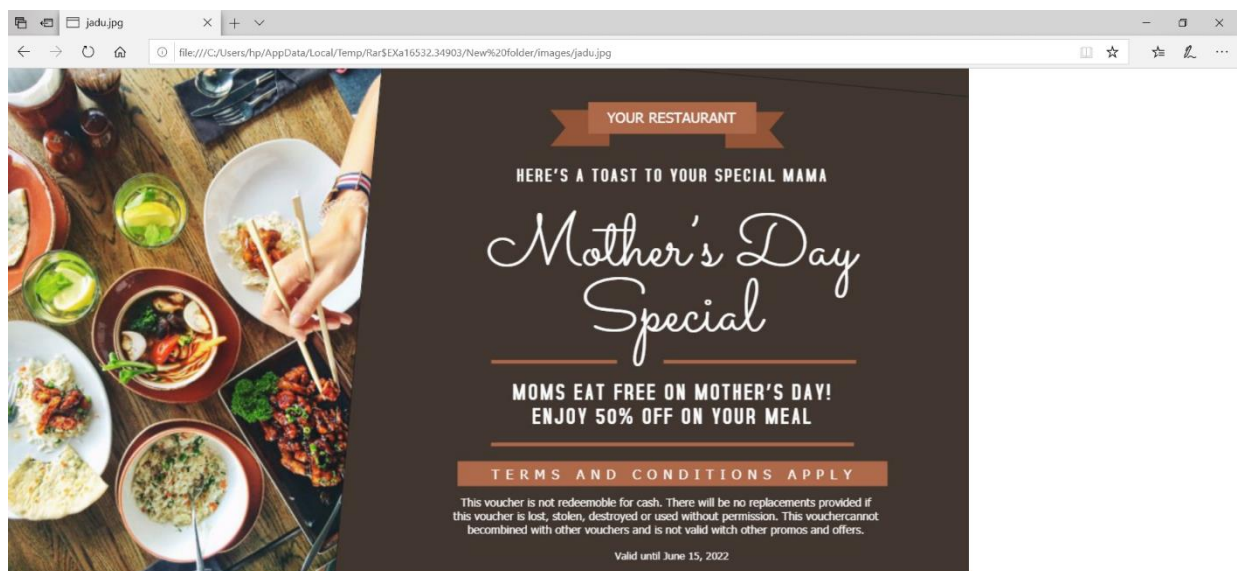
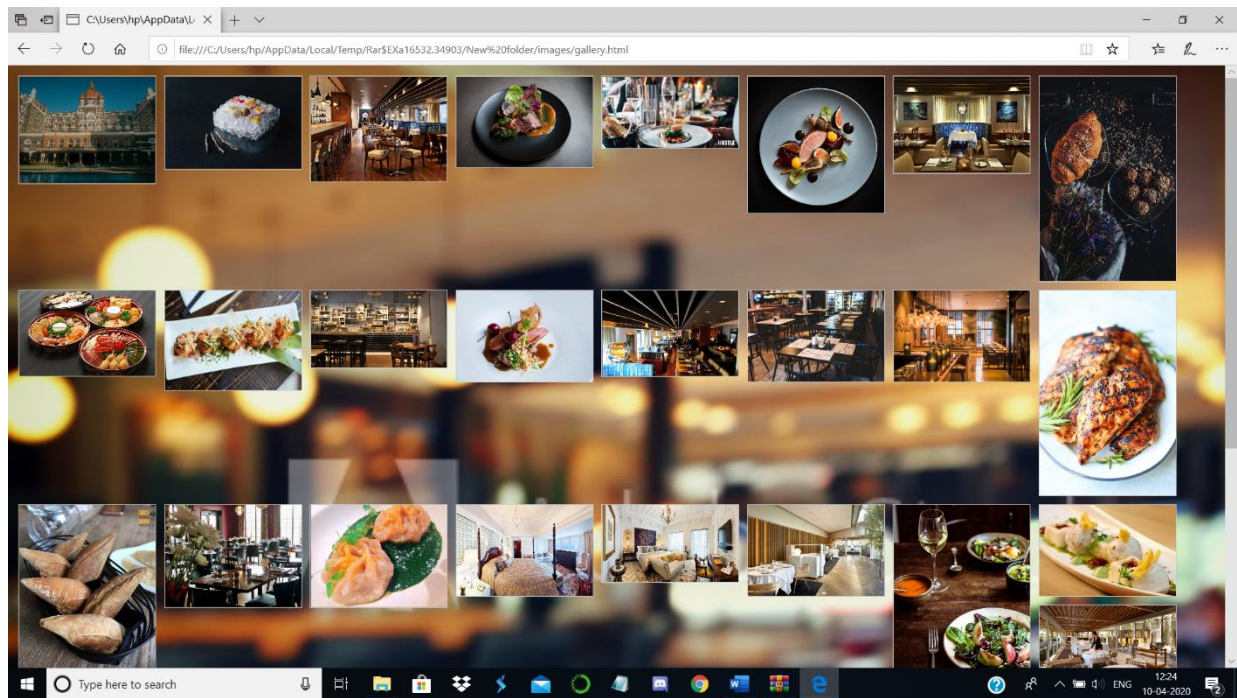


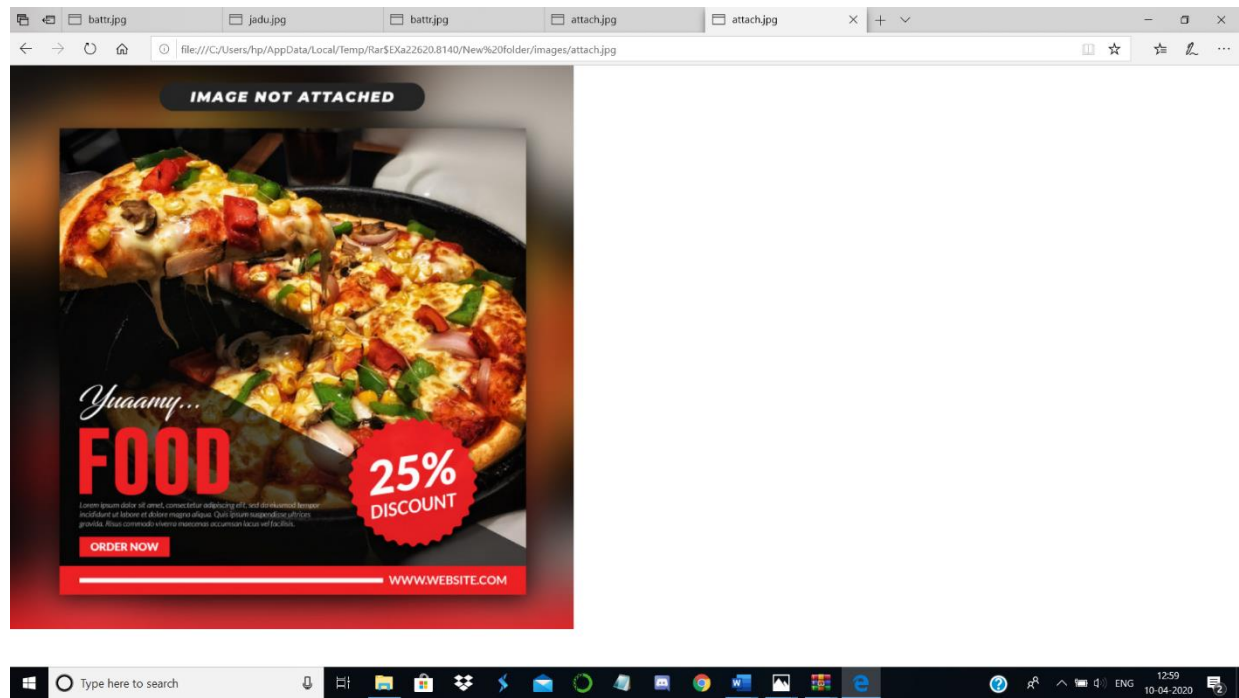












## Conclusion:

- The project entitled “RESTAURANT” has been proposed to be implementing to replace the manual system.
- The developed system accomplishes all the objectives stated for the need for the change of the system.
- The outputs produced seem to satisfy all the users but it will be definitely take to look forwarded for the real consequences the new system could produce.
- This project was made user friendly by the use of visual basic enabling the user to interact easily with the database.
- It's also enabled the platform to serve the needs of emerging information technology trends and needs.
- This system entirely reduces the unnecessary time.

***“It all comes back to the basic. Serve customers the best-tasting food at a good value in a comfortable restaurant ,and they’ll keep coming back”.***

## References:

- <https://www.w3schools.com>
- <https://www.google.com>
- <https://www.youtube.com>
- <https://www.progate.com>

## **Project Contribution by Group Members**

Designing of About us , Gallery by, Feedback , Dish of the Day by – Gaganvir Kaur

Designing of Front page, Menu, Contact Us by – Shivanshu Dabral

Designing of Healthy Tips , Special Offer by - Aniket