

RESTAURANT MANAGEMENT SYSTEM

GROUP NUMBER:13

Serial number	Name	SRN
1	NITHISH S	PES2UG20CS531
2	NEERAJ GS	PES2UG20CS526
3	PRATHAM HEGDE	PES2UG20CS536
4	SATISH S	PES2UG20CS550

PROJECT DESCRIPTION:

- This project provides customer the access to the website and browse the menu and place order then complete the billing.
- The customer can access the website by creating an account or if that person is a new user, can create a new account.
- This project is a brand-new project which we are developing.
- This system provides more reliable usability, maintainability and dependability functions.
- The functional features of this project are
 - I. User will be able to login through the website , if they are an existing user.
 - II. If they are a new user then they should create an account to login into the website.
 - III. User login information will be stored inside the database.
 - IV. After logging into the website, user will be provided with list of food menu.
 - V. User can browse through all the food items and he can order the food.
 - VI. User will be billed with the list of food items that has been ordered.
 - VII. Whenever User orders the food ,it will be stored inside the database along with name of user ,total bill amount ,name of each food item ,quantity of each food item.

- VIII. Then users part is over and their order will be ready at the time they arrive at the restaurant.
- IX. This project helps the customer to order their dishes before coming to the restaurant so that they do not have to wait for long time.

LANGUAGES AND TOOLS USED:

FRONTEND: HTML, CSS, REACT JS

LANGUAGE(LOGIC): JAVASCRIPT

BACKEND:NODE JS, EXPRESS JS

DATABASE: MONGO DB

CONTRIBUTION OF TEAM MEMBERS:

- 1) NITHISH (PES2UG20CS531): Storing the ordered food details into the database Customer login details. Backend development.
- 2) PRATHAM HEGDE (PES2UG0CS536): Billing of final ordered food. HTML,CSS.
- 3) NEERAJ G S (PES2UG0CS526): Customer registration. Mongo DB database connectivity.
- 4) SATHISH (PES2UG0CS550): List of food menu and their respective item cost. ReactJS.

CONCLUSION:

The purpose of the wireless restaurant management system is to improve worker efficiency and to maximize profit margin of restaurant owners by providing better service. This project proved to be a larger task than expected due to lack of manpower and late arriving parts. The System is not designed to replace the existing ordering systems which are at many restaurants but to complement it