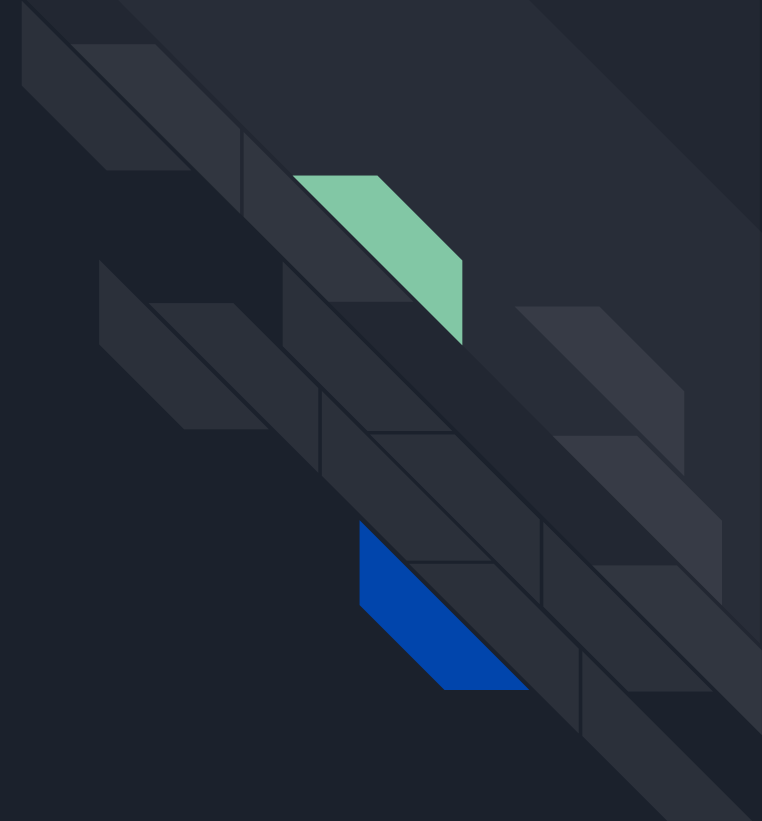# Smart Restaurant Management System

DATA PyRATES

(Education, Office and Sports)

Features

- Predicting Consumer Traffic

- Inventory Stock Analysis

- Daily Food Stock Analysis

- Personalised Food Maker

Customer traffic analysis

System will predict how much orders are expected for particular food item within a hour, based on consumer traffic.

It will also predict the number of customers based on past data and current event, day, time.

Program to manage vegetable stock required for a month or specific period duration

Data of every food vegetable will be stored in database. If the quantity starts consuming rapidly, then the system will inform the predicted date when every item finishes.

 It will inform the quantity of every item to be required at every quarter of month.

Predict shortage and requirement of Daily food stock based on current amount and speed of orders.

Based on current speed of orders, it will predict the shortage of food items and will also provide amount of extra vegetables to be arranged before the specific time.

Personalised food maker

Web interface for virtually cooking the dish.

All the ingredients will be virtually decided by the customer, and the cooking time will also be virtually decided by the customer.

After the customer finishes the process, all this is noted and will be carried out for preparing the dish.