
C387 Project Proposal

7th March 2022

Details - Team YARA - Yet Another Restaurant App

- Battepati Karthikeya – 190050026
- Gillella Akash Reddy – 190050038
- M.Satwik – 190050107
- M.Thivesh Chandra – 190050124

Project Topic

We are planning to develop a **Restaurant Management System** with the restaurant owner, customers and employees as users. We are planning to give the following user specific features -

For **Owner and Employees** - (We will give roles for employees and they will be given permissions for only a subset of the following features)

- They will be able to view and manage employees, dishes and modify the details of the restaurant
- They can manage the inventory by adding and removing ingredients according to the quantity bought and used for dishes each day
- They can view and manage the details of customers and offers and can also modify the table status
- They can view the details of previous orders and add new orders by customers
- They can also assign and update delivery codes to a delivery person

For **Users** -

- They can view all the dishes and their cost and can add them to a cart
- They can view the offers available on that day and can also look at their previous orders

Concepts Involved

Relational Databases, ER Diagrams, Normalization, SQL queries and Postgres API from Nodejs

Timeline

Milestone	Deadline
Completing Requirements and Analysis Phase	Mar 15th
Complete Design Phase	Mar 27th
Detailed Test Plan including load testing	Apr 1st
Final Report	Apr 20th
