



Inspiring Excellence

CSE370 : Database Systems
Project Report
Project Title : Restaurant Management System

Group No : __, CSE370 Lab Section : __, Fall 2022		
ID	Name	Contribution
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Brief idea on your project

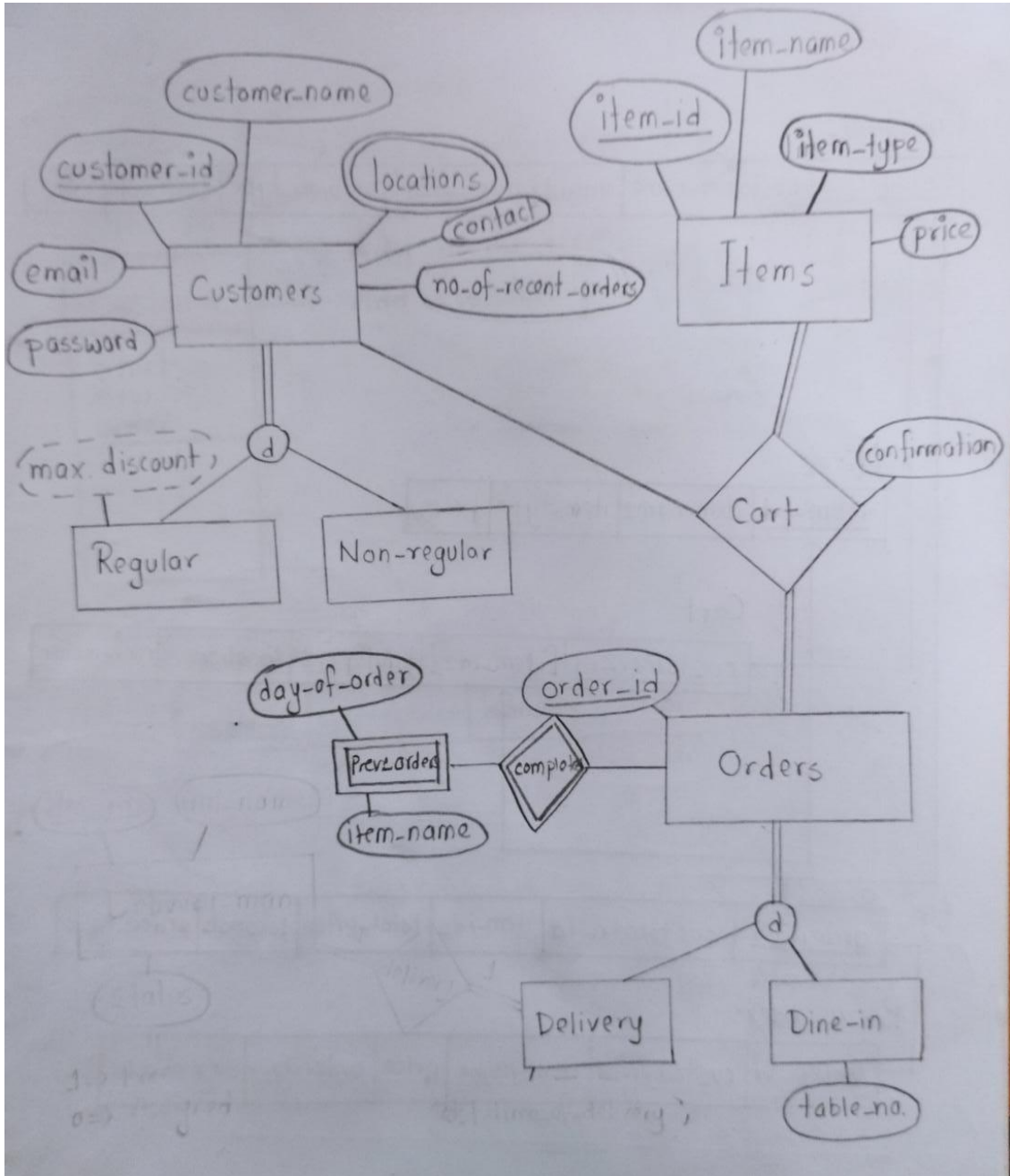
This project is aimed at solving a fairly obvious problem in the restaurant and catering industry, keeping track of orders and managing them efficiently in order to ensure maximum customer satisfaction.

We have created an intuitive frontend UI that should be operable with minimum knowledge of computers. The UI is connected to a database that keeps track of orders and menu items. Additionally, we have provided the functionality of online deliveries that can be handled by the restaurants themselves avoiding the need for third party companies like foodpanda, hungrynaki, etc. We believe this will be a major selling point for our product since restaurants have to give up a share of their revenue to these companies to be able sell their products on these platforms.

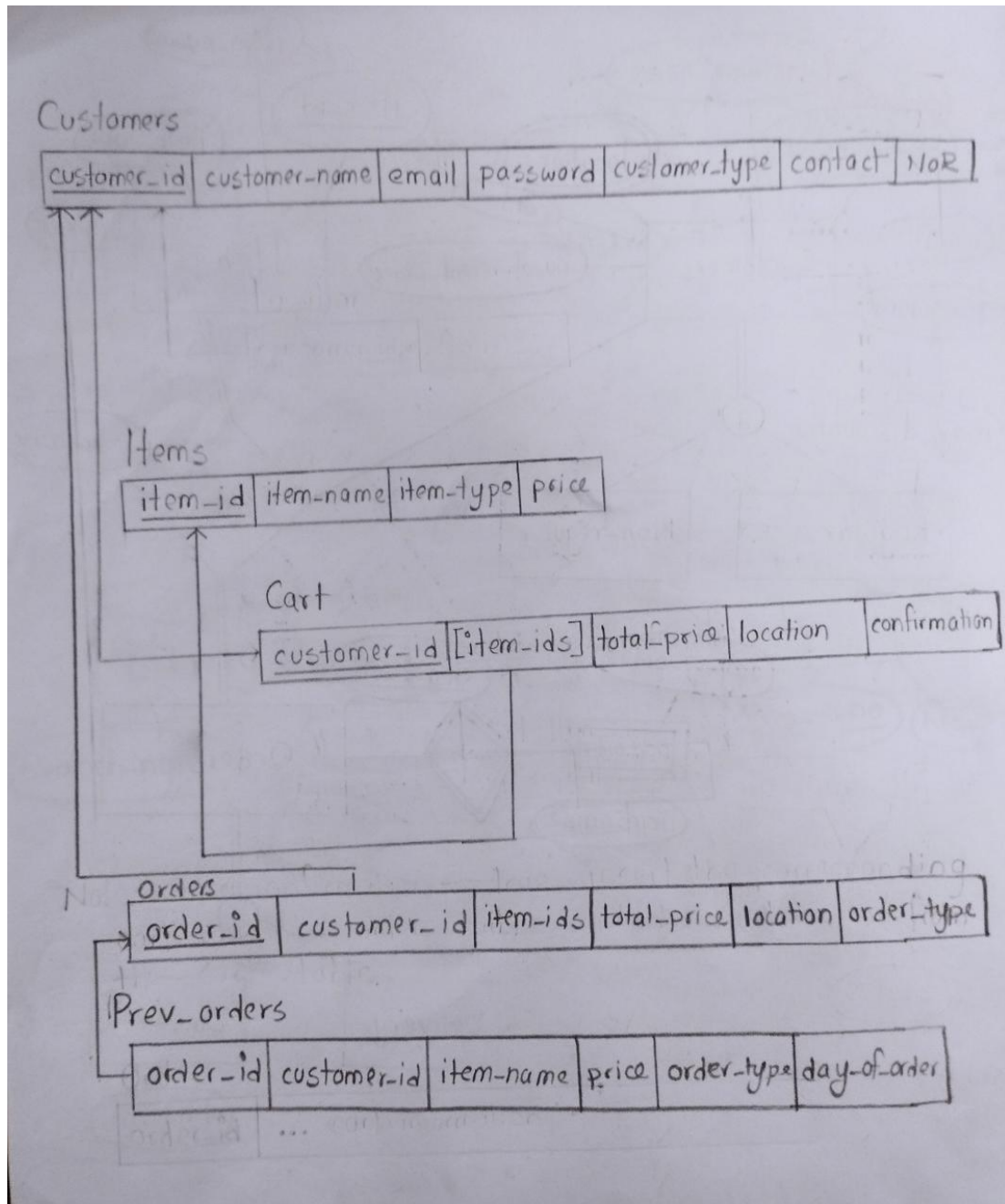
Overview of features

- Restaurant admin side
 - Orders page
 - Lists all current orders under processing
 - New Orders page
 - Allows the creation of order ticket for customers walking into stores
 - Menu
 - View a cumulative statistic of the number of each items sold that day
 - Can add more items to the menu from here.

ER/EER Diagrams

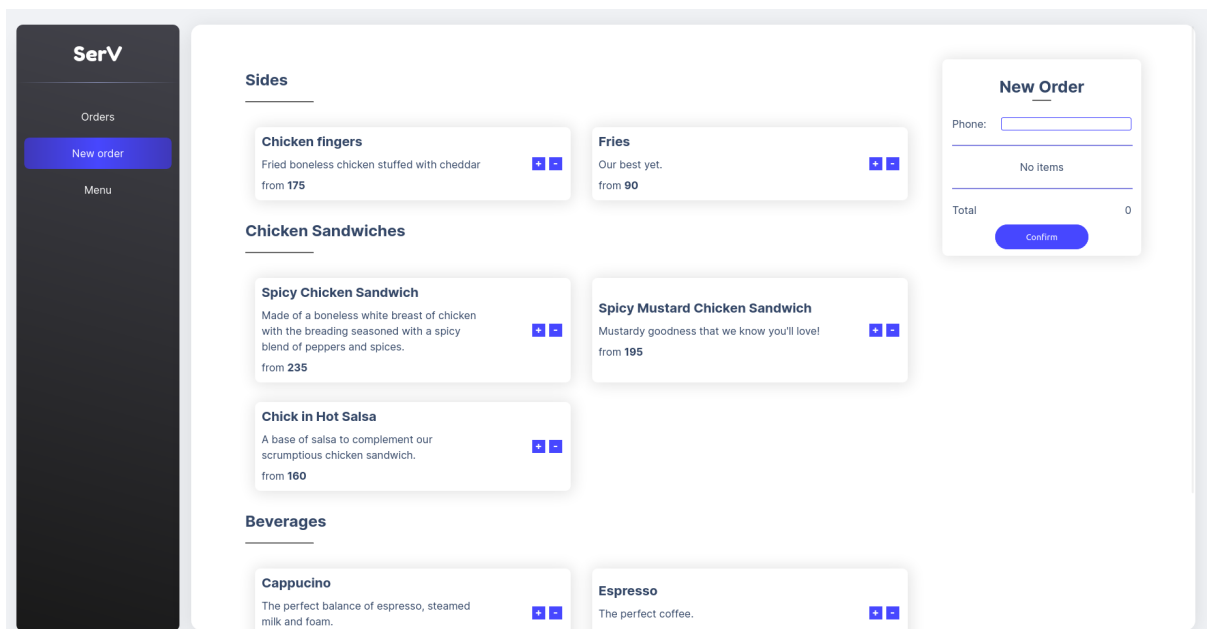
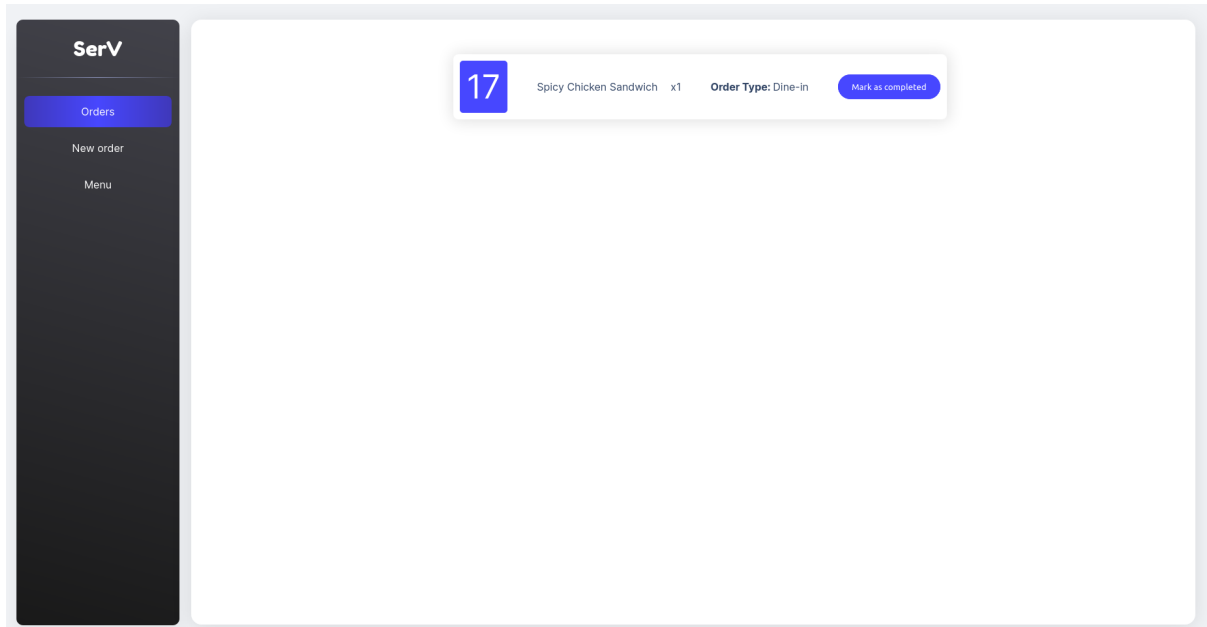


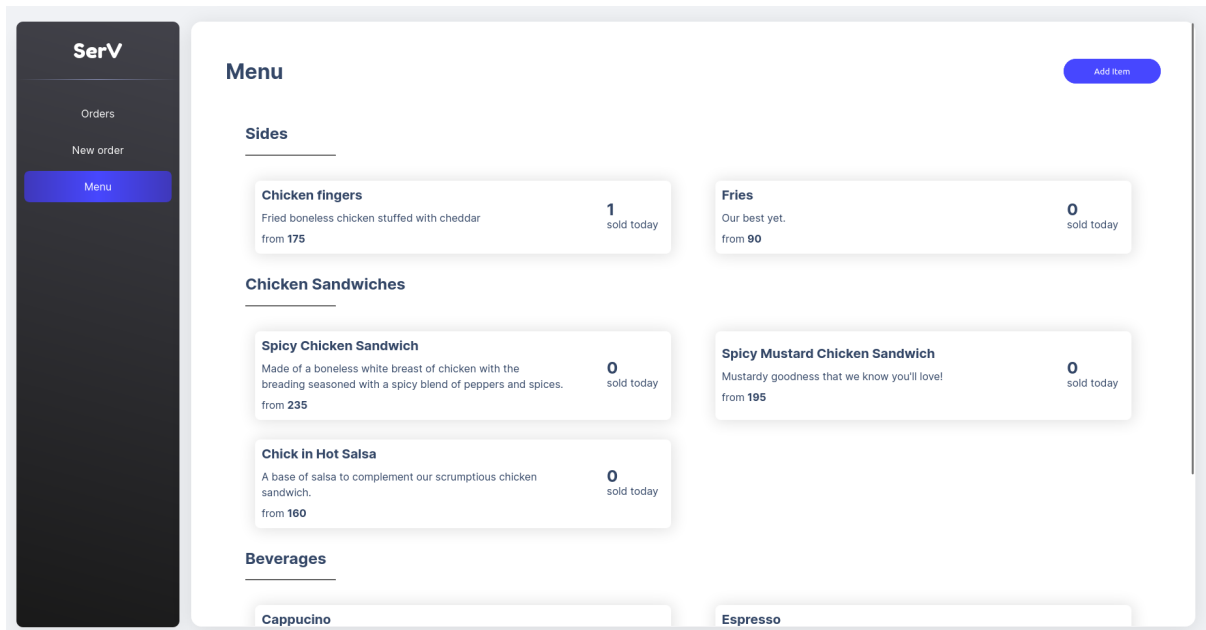
Schema Diagram



Snippets

- Restaurant Admin side





Future Plans

- To collaborate with an actual restaurant to better understand their needs
- Build a dashboard to with analytics
- Using machine learning to predict demand for certain products at certain times of the day/year.
- Provide analytics on staff performance.
- Provide a path for customers to provide feedback and show statistics based on that.