

Restaurant Franchise Database

Description : The project aims at building a web based interface to handle a franchise database .

Each branch has it's id and a specific contact number . Each branch is located in a different area and has its own timings . Each Branch is owned by an owner whose contact number is unique . Each branch has one or more suppliers for the necessary ingredients to serve the items on the menu . Each branch has several employees with various designations to ensure smooth operation of the franchise . Each employee is identified by an employee_id . Several customers visit various branches of franchise . Their first visit registers them into the database for promotional purposes and delivery convenience . Each customer makes one or more orders over time . Each order has a unique id . Each order has a bill that is payable by the customer . The bill gives the amount payable by the customer for an order based on the quantity of items ordered by the customer .

The interface would provide options to add new branches , customers and generate bills based on orders .

Tools Used : Python web framework Flask is being used in building a web based user interface for the database with the use of jinja templating . Packages like sqlite3 and psycop2 would be used for creating the database and running queries to retrieve few fields . CSS and Javascript would be used to make the interface responsive .