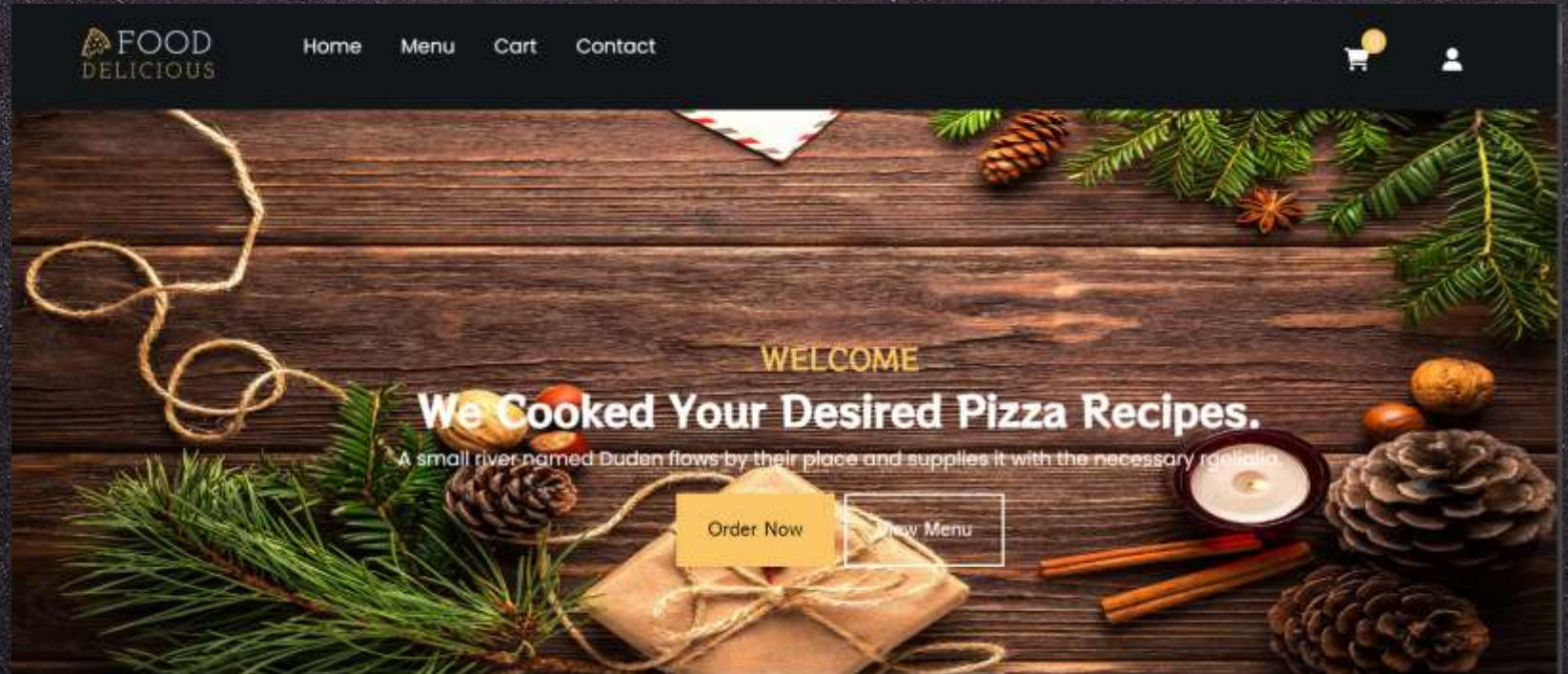


Food Management System



Introduction to Food Order Management Web Application

Project Definition



Definition:

A Food Management System is a web application that facilitates the management of food items, orders, and customer interactions. It enables users to browse menus, place orders, and manage their cart seamlessly through an intuitive UI

Objective

Objective:

"To build a user-friendly food ordering and management system that streamlines the ordering process for customers while ensuring efficient handling of orders and food items by the restaurant staff."

Key Goals:

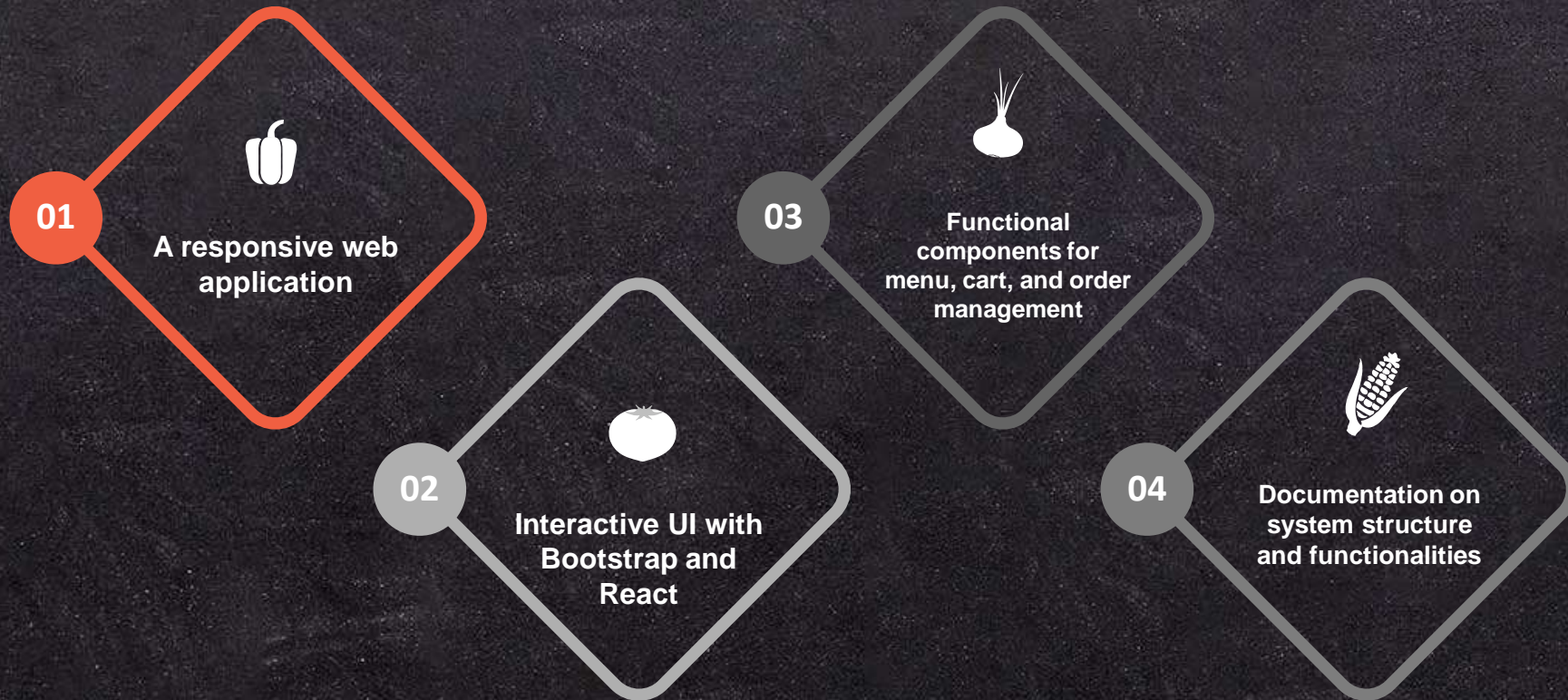
- Create a responsive and interactive platform.
- Ensure seamless integration of the cart and menu system.
- Provide real-time order management capabilities.



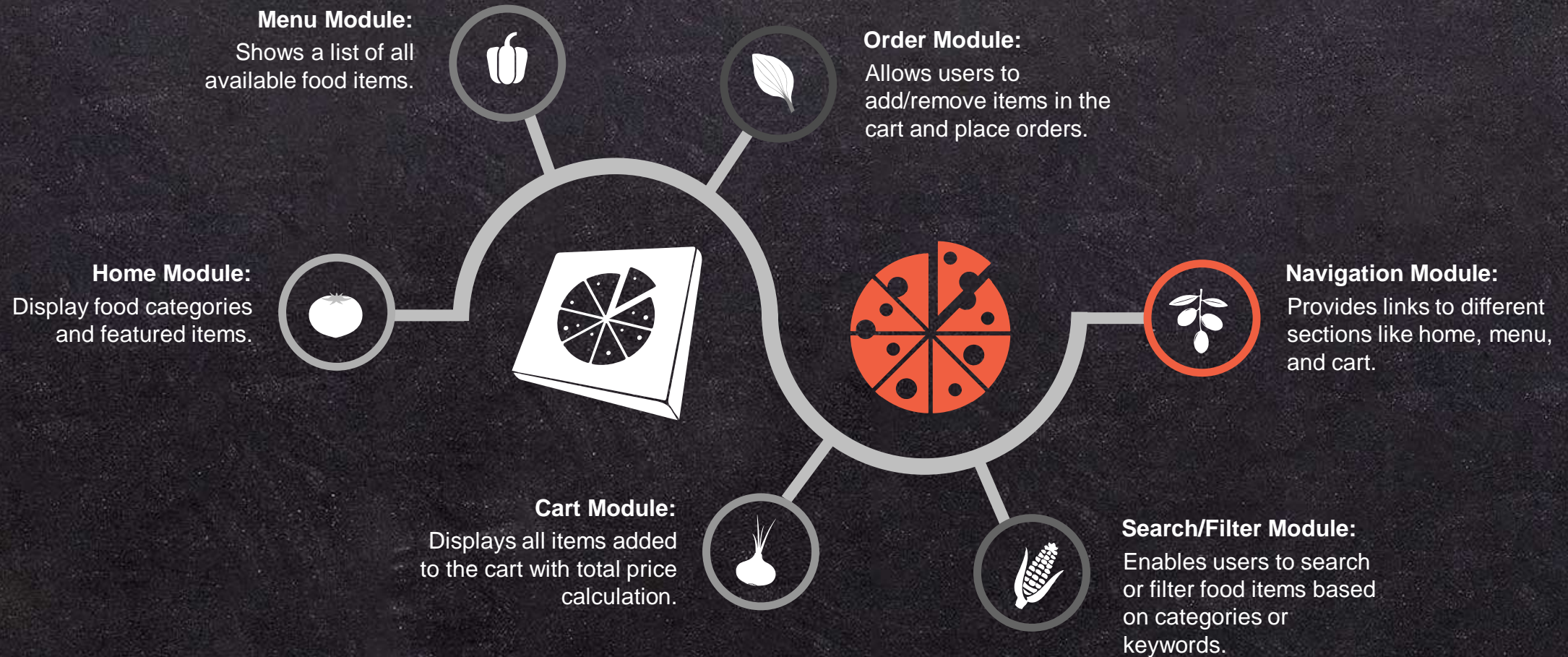
Project Scope



Deliverables



Project Modules and Functionalities



New Technologies Used/Learned



HTML & CSS

Define the styling and layout of web pages, making them more visually appealing, user-friendly, and accessible.

Bootstrap:

Used for responsive, mobile-first design and pre-built UI components.

React JS:

Leveraged to build dynamic, reusable components and manage application state.

React Router:

For handling navigation between different pages and views in the application.

React Hooks:

Learned and implemented hooks like `useState` and `useEffect` for state management and side-effects handling.

System Workflow

User Interface:

Users interact with the UI to browse the food menu, select items, and place orders.

State Management:

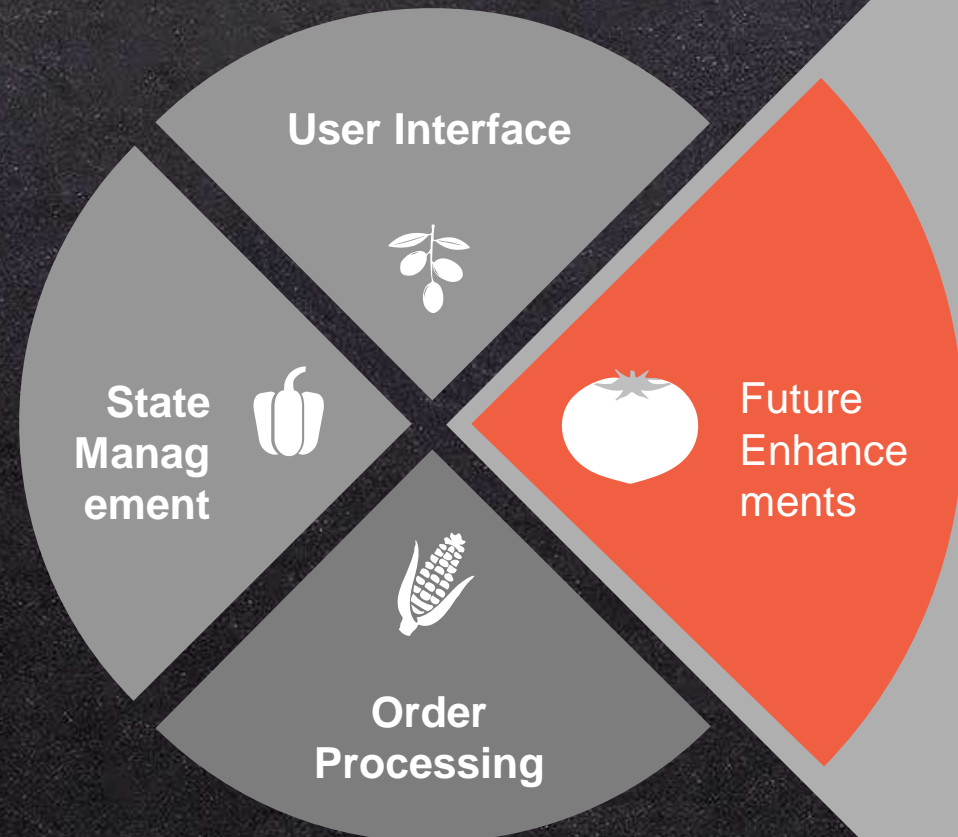
React manages the state of the cart and order list.

Order Processing:

Once the order is placed, the system handles order confirmation and displays an order summary.

Future Enhancements:

Could include adding a backend to store and manage orders.





Admin Panel for Food Management System



01

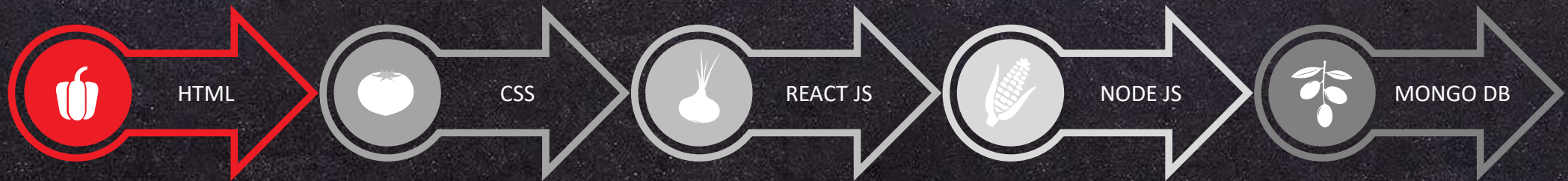
This Admin Panel provides an overview of the food order management system's functionalities.

02

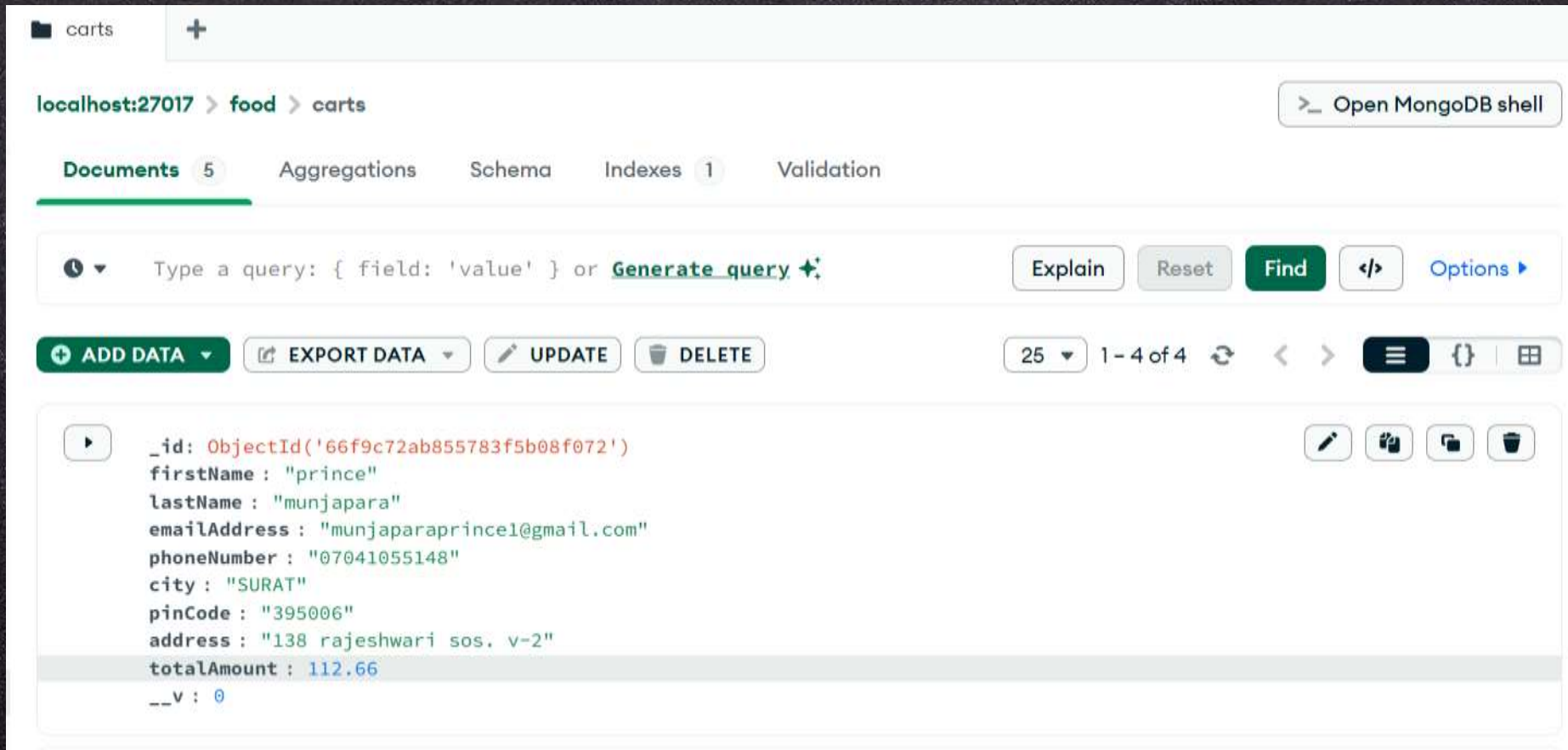
Designed to manage food items, orders, and customer interactions efficiently.

Objective

Technology



Database



The screenshot shows the MongoDB Compass web interface. At the top, the breadcrumb path is 'localhost:27017 > food > carts'. A button 'Open MongoDB shell' is in the top right. Below the breadcrumb, there are tabs for 'Documents' (5), 'Aggregations', 'Schema', 'Indexes' (1), and 'Validation'. The 'Documents' tab is active. A query bar contains the text 'Type a query: { field: 'value' } or [Generate query](#)'. To the right of the query bar are buttons for 'Explain', 'Reset', 'Find', and a code icon, followed by an 'Options' link. Below the query bar, there are buttons for 'ADD DATA', 'EXPORT DATA', 'UPDATE', and 'DELETE'. To the right of these buttons is a pagination control showing '25' items per page and '1 - 4 of 4' documents. A document is displayed in a light gray box with the following fields: '_id' (ObjectId), 'firstName' ('prince'), 'lastName' ('munjapara'), 'emailAddress' ('munjaparaprince1@gmail.com'), 'phoneNumber' ('07041055148'), 'city' ('SURAT'), 'pinCode' ('395006'), 'address' ('138 rajeshwari sos. v-2'), 'totalAmount' (112.66), and '__v' (0). To the right of the document are icons for edit, copy, share, and delete.

cars +

localhost:27017 > food > carts [Open MongoDB shell](#)

Documents 5 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#) [Explain](#) [Reset](#) [Find](#) [Options](#)

[ADD DATA](#) [EXPORT DATA](#) [UPDATE](#) [DELETE](#) 25 1 - 4 of 4

```
{
  "_id": "ObjectId('66f9c72ab855783f5b08f072')",
  "firstName": "prince",
  "lastName": "munjapara",
  "emailAddress": "munjaparaprince1@gmail.com",
  "phoneNumber": "07041055148",
  "city": "SURAT",
  "pinCode": "395006",
  "address": "138 rajeshwari sos. v-2",
  "totalAmount": 112.66,
  "__v": 0
}
```

Check Out Data store to Mongo DB database.

Admin Panel

Name	Email	Phone	City	Address	Payment	Total	Actions
prince munjapara	munjaparaprince1@gmail.com	07041055148	SURAT	138 rajeshwari sos. v-2	upi	\$ 112.66	Edit Delete
dharti sojitra	dharti@gmail.com	12345678901	surat	123 surat	upi	\$ 78.44	Edit Delete
dhruvi sojitra	dharuvi@gmail.com	232465789	amreli	34 Amreli	upi	\$ 166.94	Edit Delete
dhruvil sojitra	dhruvil@gmail.com	7567676769	surat	yogi chowk	upi	\$ 211.78	Edit Delete

- All order data show in Admin panel.
- Admin can update data and delete data.
- Update data and delete data to direct database.

A top-down view of a dark, textured surface, possibly a slate or stone, with various food items and the text "THANK YOU" in the center. In the top left, there are several cherry tomatoes and a sprig of green herbs. In the top right, a portion of a pizza is visible, topped with pepperoni, mushrooms, and olives. In the bottom left, two slices of pizza are shown. In the bottom right, there is a small bowl of white cheese and a wooden spoon and fork. The text "THANK YOU" is written in a clean, white, sans-serif font in the center of the image.

THANK YOU