

A Service for Delivering Food (Zomato Clone) with MERN Technology

The Food Delivery Application platform project is designed to create a platform where users can browse, select, purchase, and manage products with secure user login. The platform ensures that any actions taken by the user, such as adding food items & adding restaurant list, are instantly updated and reflected in the user's account. This project will provide you with hands-on experience in implementing user authentication, order details & check restaurant details information, using the MERN stack (MongoDB, Express.js, React.js, Node.js).

Frontend code:

1)App.js code

```
import React, { useState, useEffect } from "react";
import { BrowserRouter as Router, Route, Routes } from "react-router-dom";
import Navbar from "./components/Navbar";
import HomePage from "./components/HomePage";
import RestaurantDetails from "./components/RestaurantDetails";
import './App.css';
function App() {
  const [restaurants, setRestaurants] = useState([]);
  useEffect(() => {
    // Simulating fetch from backend
    fetch("/api/restaurants")
      .then((response) => response.json())
      .then((data) => setRestaurants(data));
  }, []);
  return (
    <Router>
      <Navbar />
      <Routes>
        <Route path="/" element={<HomePage restaurants={restaurants} />} />
        <Route path="/restaurant/:id" element={<RestaurantDetails />} />
      </Routes>
    </Router>
  );
}
export default App;
```

2)Navbar.js

```
import React from "react";
import { Link } from "react-router-dom";

function Navbar() {
  return (
    <nav>
      <ul>
```

```

    <li><Link to="/">Home</Link></li>
    <li><Link to="/login">Login</Link></li>
    <li><Link to="/signup">Sign Up</Link></li>
  </ul>
</nav>
);
}

```

export default Navbar;

3)HomePage.js

```

import React from "react";
import { Link } from "react-router-dom";

function HomePage({ restaurants }) {
  return (
    <div>
      <h1>Welcome to the Food Delivery Service</h1>
      <div className="restaurant-list">
        {restaurants.map((restaurant) => (
          <div key={restaurant._id}>
            <h3>{restaurant.name}</h3>
            <p>{restaurant.cuisine}</p>
            <Link to={`/${restaurant._id}`}>View Details</Link>
          </div>
        ))}
      </div>
    </div>
  );
}

```

export default HomePage;

4)RestaurantDetails.js

```

import React, { useState, useEffect } from "react";
import { useParams } from "react-router-dom";

function RestaurantDetails() {
  const { id } = useParams();
  const [restaurant, setRestaurant] = useState(null);
  useEffect(() => {
    // Simulate fetching restaurant details from the backend
    fetch(`/api/restaurants/${id}`)
      .then((response) => response.json())
      .then((data) => setRestaurant(data));
  }, [id]);
  if (!restaurant) return <div>Loading...</div>;
}

```

```

return (
  <div>
    <h2>{restaurant.name}</h2>
    <p>{restaurant.description}</p>
    <h3>Menu:</h3>
    <ul>
      {restaurant.menu.map((item) => (
        <li key={item._id}>
          <h4>{item.name}</h4>
          <p>{item.description}</p>
          <p>Price: ${item.price}</p>
        </li>
      ))}
    </ul>
  </div>
);
}
export default RestaurantDetails;

```

5)App.css

```

/* Basic styles for the navbar */
nav ul {
  list-style-type: none;
  padding: 0;
}
nav ul li {
  display: inline;
  margin-right: 10px;
}
/* Flexbox layout for restaurant list */
.restaurant-list {
  display: flex;
  flex-wrap: wrap;
}
.restaurant-list div {
  width: 200px;
  margin: 20px;
  border: 1px solid #ddd;
  padding: 10px;
}
h1, h2, h3 {
  color: #333;
}
h4 {
  color: #555;
}
ul {
  list-style-type: none;

```

```
padding: 0;  
}
```

```
li {  
margin-bottom: 10px;  
}
```