

1.Create restaurant app in react with all the functionalities

```
import React, { useState } from 'react';
import './App.css'; // Import CSS for styling

const App = () => {
  const [customerName, setCustomerName] = useState('');
  const [customerNumber, setCustomerNumber] = useState('');
  const [selectedItem, setSelectedItem] = useState('1');
  const [quantity, setQuantity] = useState(1);
  const [specialInstructions, setSpecialInstructions] = useState('');
  const [termsAccepted, setTermsAccepted] = useState(false);
  const [orderDetails, setOrderDetails] = useState(null);
  const [errors, setErrors] = useState({});

  const menuItems = [
    { id: '1', name: 'Chicken biriyani' },
    { id: '2', name: 'Mutton biriyani' },
    { id: '3', name: 'Sweets' },
  ];

  const images = [
    '/images/pizza.jpg',
    '/images/burger.jpg',
    '/images/pasta.jpg',
  ];

  const handleSubmit = (e) => {
    e.preventDefault();

    const newErrors = {};

    if (customerNumber.length !== 10) newErrors.customerNumber = 'Contact number must be exactly 10 digits.';

    if (quantity < 1 || quantity > 3) newErrors.quantity = 'Quantity must be between 1 and 3.';

    if (Object.keys(newErrors).length > 0) {
      setErrors(newErrors);
      return;
    }
  }
}
```

```
}
```

```
const order = {  
  customerName,  
  customerNumber,  
  menuItem: menuItems.find(item => item.id === selectedItem).name,  
  quantity,  
  specialInstructions,  
  totalOrder: quantity  
};
```

```
setOrderDetails(order);  
setErrors({});  
};
```

```
const handleReset = () => {  
  setCustomerName('');  
  setCustomerNumber('');  
  setSelectedItem('1');  
  setQuantity(1);  
  setSpecialInstructions('');  
  setTermsAccepted(false);  
  setOrderDetails(null);  
  setErrors({});  
};
```

```
return (  
  <div className="App">  
    <header className="App-header">  
      <h1>Restaurant Page</h1>  
    </header>  
    <main className="container">  
      <nav>  
        <ul>  
          <li><a href="#order">Order Now</a></li>  
          <li><a href="#gallery">Gallery</a></li>  
        </ul>  
      </nav>  
      <section id="order">  
        <div className="form-container">
```

```

        <h1>Restaurant Order Form</h1>
        <form onSubmit={handleSubmit}>
            <label>
                Customer Name:
                <input type="text" value={customerName} onChange={(e) =>
setCustomerName(e.target.value)} />
            </label>
            <label>
                Customer Number:
                <input type="text" value={customerNumber} onChange={(e) =>
setCustomerNumber(e.target.value)} maxLength="10" />
                {errors.customerNumber && <p
className="error">{errors.customerNumber}</p>}}
            </label>
            <label>
                Menu Item:
                <select value={selectedItem} onChange={(e) =>
setSelectedItem(e.target.value)}>
                    {menuItems.map(item => (
                        <option key={item.id}
value={item.id}>{item.name}</option>
                    ))}
                </select>
            </label>
            <label>
                Quantity:
                <input type="number" value={quantity} onChange={(e) =>
setQuantity(Math.min(3, Math.max(1, e.target.value)))} />
                {errors.quantity && <p
className="error">{errors.quantity}</p>}}
            </label>
            <label>
                Special Instructions:
                <textarea value={specialInstructions} onChange={(e) =>
setSpecialInstructions(e.target.value)} />
            </label>

            {errors.terms && <p className="error">{errors.terms}</p>}}
            <button type="submit">Order Now</button>
            <button type="button" onClick={handleReset}>Reset</button>

```

```

        </form>
        {orderDetails && (
            <div className="order-summary">
                <h2>Order Summary</h2>
                <p>Customer Name: {orderDetails.customerName}</p>
                <p>Customer Number: {orderDetails.customerNumber}</p>
                <p>Menu Item: {orderDetails.menuItem}</p>
                <p>Quantity: {orderDetails.quantity}</p>
                <p>Special Instructions:
{orderDetails.specialInstructions}</p>
                <p>Total Order: {orderDetails.totalOrder}</p>
            </div>
        )}
    </div>
</section>

</main>
<footer>
    <p>&copy; 2024 Restaurant</p>
</footer>
</div>
);
};

export default App;

```

App.css

```

.App {
    font-family: Arial, sans-serif;
}

.App-header {
    font-family: Arial, sans-serif;
    background-color: ;
    padding: 10px;
    text-align: center;
}

nav ul {

```

```
list-style: none;
padding: 0;
margin: 0;
text-align: center;
}
```

```
nav ul li {
display: inline;
margin: 0 10px;
}
```

```
.container {
max-width: 800px;
margin: 0 auto;
padding: 20px;
}
```

```
.form-container {
background-color: hwb(261 6% 14%);
padding: 20px;
color: black;
border-radius: 8px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
```

```
label {
display: block;
margin: 10px 0;
}
```

```
input[type="text"], input[type="number"], textarea, select {
width: 100%;
padding: 8px;
box-sizing: border-box;
}
```

```
button {
padding: 10px 15px;
margin: 10px;
cursor: pointer;
```

```
}

.error {
  color: red;
}

.order-summary {
  border: 1px solid #dddddd;
  padding: 10px;
  margin-top: 20px;
}

.gallery {
  margin-top: 20px;
  display: flex;
  flex-wrap: wrap;
  justify-content: center;
}

.gallery img {
  width: 100px;
  height: auto;
  margin: 5px;
}

footer {
  background-color: #f8f8f8;
  padding: 10px;
  text-align: center;
}
```

Output

Restaurant Page

[Order Now](#) [Gallery](#)

Restaurant Order Form

Customer Name:

shwetha

Customer Number:

9964076780

Menu Item:

Chicken biriyani

Quantity:

1

Special Instructions:

spicy

Order Now

Reset

Order Summary

Customer Name: shwetha

Customer Number: 9964076780

Menu Item: Chicken biryani

Quantity: 1

Special Instructions: spicy

Total Order: 1