KHULNA UNIVERSITY

PROJECT PROPOSAL ON

Responsive Restaurant Website

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Responsive Restaurant Website

Create a responsive restaurant website using React that effectively showcases the restaurant's menu, ambiance, and allows users to make Order. The website will be designed to provide a seamless experience across various devices, from mobile phones to desktops.

Key Features:

1. Responsive design for optimal viewing on all screen sizes.

2. Menu presentation with images and descriptions.

3. Image gallery showcasing the restaurant's atmosphere and dishes.

4. Reservation form for users to book tables.

5. Contact information and location details.

6. Smooth navigation and user-friendly interface.

Tech Stack:

- HTML

- CSS (or styled-components) for styling.

- JavaScript

- React for building the user interface.

10-Week Plan:

Week 1-2: Project Setup and Component Structure

Week 1:
  - Research and gather design inspiration with figma.

  - Plan the folder structure and create necessary components: Header, Menu, Gallery, Reservations, Contact, etc.

Week 2:
  - Design and implement the Header component with the restaurant's logo and navigation links.

  - Begin designing the Menu component to showcase menu items with images and descriptions.

Week 3-4: Styling and Responsive Design

Week 3:
- Complete Menu component design.

- Implement responsive design using CSS media queries for the Header and Menu components.

- Test responsiveness on various devices using developer tools.

Week 4:

- Design and implement the Gallery component to showcase restaurant images.

- Apply responsive design principles to the Gallery component.

- Start working on the Reservation form component.

Week 5-6: Reservations and Contact

Week 5:
- Finish implementing the Reservation form with appropriate fields.

- Apply form validation for user inputs.

- Begin designing the Contact component with contact information and a map.

Week 6:
- Complete the Contact component's design and responsive adjustments.

- Integrate Google Maps API for displaying the restaurant's location.

Week 7-8: Navigation and Mobile Optimization

Week 7:
 - Implement React Router for seamless navigation between different sections.

 - Test navigation and ensure smooth transitions.

 - Address any responsiveness issues that arise during testing.

Week 8:
 - Focus on mobile optimization, ensuring the website looks and functions well on small screens.

 - Perform thorough testing on mobile devices and make necessary adjustments.

Week 9-10: Testing, Optimization, and Deployment

Week 9:
 - Perform comprehensive testing across various devices and browsers.

 - Optimize images for faster loading times.

 - Fine-tune styling and responsiveness based on user testing.

Week 10:
 - Make any final refinements based on feedback and testing.

 - Build the production-ready version of the app.

 - Deploy the responsive restaurant website

 - Conduct a final round of testing on the live website.