

Assignment

Assignment: Building a Landing Page UI with React and React Bootstrap

Build a responsive landing page for a website using React. The landing page should include a navbar, a featured section which contains multiple cards, and a footer. Utilize both React class-based components and functional components with props. Additionally, incorporate the React Bootstrap library for styling and layout.

1. Header Component -Navbar (Function-Based):

- Create a Function based component named `Navbar`.
- Include a navigation bar with a logo and navigation links (e.g., Home, About Us, Contact).
- Customize the styling using React Bootstrap components.

2. Featured Section Component-Cards (Function Based Component):

- Create a Function Based component named `Cards`.
 - Create one component of Cards and render it multiple time in App.js There will be 6 Cards which will be shown also pass the different data to cards using props to customize the content, such as a Student Name, Batch Number, Image, and an Action button.
- Use React Bootstrap components to structure and style this section.

3. Footer Component (Class-based):

- Create a class-based component named `Footer`.
- Include social media links and copyright information.
- Use React Bootstrap to style the footer.

4. App Component (Functional):

- Use the main functional component named `App`.
- Integrate the `Navbar`, `Cards`, and `Footer` components within the `App` component.
- Pass appropriate props to each component.

Instructions:

1. Setup:

- Initialize a new React project using `create-react-app` or your preferred method.
- Install React Bootstrap using `npm install react-bootstrap bootstrap`.

2. Component Development:

- Create separate folder named as Components. In components folder create all of your three components files (Navbar, Cards, Footer).

- Implement the required components according to the specifications.

3. Props and Styling:

- Ensure that components accept and utilize props for dynamic content.
- Utilize React Bootstrap classes and components for styling and layout.

4. Integration:

- Import and integrate the components into the `App` component.
- Pass appropriate props to customize the content of the `Navbar, Cards and Footer`.

This is a basic structure to guide you. Feel free to enhance it based on the project requirements and your creative ideas.

Make the following layout as per instructions

