🛠️ Midterm Project: Personal Portfolio

Overview

In this project, you will work in groups of two to design and build a single-page personal portfolio website using React.js. Your portfolio will showcase your skills, projects, and personal brand. The project will take you through the complete design-to-development workflow, starting with sketching and ending with a fully functional React application.

Objective: Design and Create a Personal Portfolio PageObjective gn and Create a Page

You will be creating a **single-page portfolio website** with the following key sections:

- A **Header** section with your name and a brief tagline.

- An **About Me** section that includes a profile photo and a short bio.

- A **Skills** section listing your technical skills (e.g., JavaScript, React, HTML, CSS).

- A **Projects** section showcasing at least two of your past projects with a title, image, and description.

- A **Contact** section with links to your social media (e.g., LinkedIn, GitHub) or a contact form.

- A **Footer** with copyright information.

Project Steps

Step 1: Balsamiq Mockups

Using Balsamiq, create a basic wireframe of your personal portfolio page. This should be a rough sketch focusing on the layout and placement of the key sections listed above. Think about how a user will navigate your page and what information you want to present first.

- **Group Discussion:** Your group of two should discuss and agree on a consistent layout and content structure. While the content will be personal, the overall design and wireframes will be a collaborative effort.

Step 2: Low-Fidelity Wireframes

Next, create a **low-fidelity wireframe**. This can be a simple digital drawing or a sketch on paper, or you can use a digital tool that mimics this style. This step should start to define the relationships between sections and their content, but still **avoid** adding colors, specific fonts, or detailed images. Focus on the content hierarchy and flow of the page.

Step 3: High-Fidelity Wireframes

Create a **high-fidelity wireframe** using a design tool like Figma or Adobe XD. This is the **final visual design** of the page and will serve as your blueprint for the React application. It should include:

- A chosen color palette and typography.
- Precise spacing and alignment of all elements.
- Placeholder images or icons that will be used.
- The final look and feel of the user interface.

Step 4: React.js Development

Using React.js, build the single-page personal portfolio. Your code should reflect the design you created in your high-fidelity wireframe. Pay attention to:

- **Component-Based Architecture:** Break down your page into reusable components (e.g., a `Header` component, a `ProjectCard` component, an `AboutMe` component).

- **Props:** Use props to pass data down from parent to child components (e.g., passing project details to a `ProjectCard` component).

- **Styling:** Use either CSS, styled-components, or another styling approach to match the visual design.

- **Responsive Design:** Ensure your portfolio looks professional and is easy to use on both desktop and mobile devices.

Deliverables

Each group must submit a single document containing:

1. **Screenshots** of your Balsamiq mockup.

2. **Screenshots** of your low-fidelity wireframe.

3. **Screenshots** of your high-fidelity wireframe.

4. A **link** to your GitHub repository with the complete React.js project code.