

Front-End Developer Assignment: Single Page Web Application Design.

Assignment Overview:

Your task is to design and develop a **user-friendly** and **responsive** Single Page Web Application (SPA) that works seamlessly across **laptops, tablets, desktops, and mobile devices**.

Design Reference:

Use the design and layout of [Infosys Website](https://www.infosys.com/) as a reference for visual and structural inspiration.

<https://www.infosys.com/>

Project Scope:

You will be responsible for developing the front-end of the application using the following technologies:

HTML

CSS

JavaScript

Bootstrap

React.js

Requirements:

1. Responsive Design:

The application should adapt to different screen sizes (Laptop, Tablet, Desktop, and Mobile).

Ensure smooth responsiveness with Bootstrap and custom CSS for a seamless user experience.

2. Single Page Application (SPA):

Implement a Single Page Application (SPA) using **React.js**.

Use React Router for page navigation without reloading the entire page.

3.Layout and Structure:

Design a clean and structured layout inspired by the Infosys website.

Include the following sections:

Header with navigation links.

Hero Section with a large banner or carousel.

About Section explaining the purpose of the application or company.

Services/Features Section to showcase key offerings.

Contact Section with a form for user inquiries.

Footer with relevant links and social media icons.

4.Deliverables:

A GitHub repository containing the complete project.

A README file with instructions on how to set up and run the application.

A working demo (hosted on a platform like Netlify, Vercel, or GitHub Pages) is encouraged.