**Warmup Task: Landing Page Design**

**Objective:** Design and implement a landing page using the specified technologies and UI component library.

Like

**E-Learning Platform**

**Travel Agency**

**Restaurant or Café**

**Rental Car or something creative you want**

**Requirements:**

1. **UI Component Library:** Choose one of the following:
   * Shadcn
   * Ant Design
   * Material UI
2. **CSS Framework:**
   * Use Tailwind CSS for styling.
3. **Frontend Framework:**
   * Implement the landing page using:
     + Next.js
     + React.js

**Deliverables:**

* A fully functional landing page.
* Clean, maintainable, and well-documented code.
* Responsive design that works on various screen sizes (mobile, tablet, desktop).

**Guidelines:**

**Design:**

* Follow best practices for UI/UX design.
* Ensure the landing page is visually appealing and user-friendly.

**Implementation:**

* Use the chosen UI component library consistently across the page.
* Utilize Tailwind CSS for styling components.
* Structure the project using Next.js with React.js components.

**Testing:**

* Test the landing page across different browsers and devices.
* Ensure all components are responsive and functional.

**Timeline:**

* Project kick-off: [ 7/2/2024]
* First review: [7/4/2024]
* Final submission: [7/6/2024]

**Prepare a Documents what you have done you task try to implement something creative.**

**More focus on design rather than functionality implementation**

**Tools and Resources:**

**UI Component Library Documentation:**

* **Shadcn Documentation**: [Shadcn Documentation](https://ui.shadcn.com/docs)
* **Ant Design Documentation**: [Ant Design Documentation](https://ant.design/docs/react/getting-started)
* **Material UI Documentation**: [Material UI Documentation](https://mui.com/material-ui/)

**CSS Framework Documentation:**

* **Tailwind CSS Documentation**: [Tailwind CSS](https://tailwindcss.com/docs/)

**Frontend Framework Documentation:**

* **Next.js Documentation**: [Next.js Documentation](https://nextjs.org/docs)
* **React.js Documentation**: [React.js Documentation](https://legacy.reactjs.org/docs/getting-started.html)

**Installation Process:**

**Next.js with React.js:**

1. **Create a Next.js Project**:

npx create-next-app@latest your-landing-page

cd your-landing-page

1. **Run the Development Server**:

npm run dev

**Tailwind CSS:**

1. **Install Tailwind CSS**:

npm install -D tailwindcss postcss autoprefixer

npx tailwindcss init -p

1. **Configure Tailwind to Remove Unused Styles in tailwind.config.js**:

module.exports = {

purge: ['./pages/\*\*/\*.{js,ts,jsx,tsx}', './components/\*\*/\*.{js,ts,jsx,tsx}'],

darkMode: false,

theme: {

extend: {},

},

variants: {

extend: {},

},

plugins: [],

}

1. **Add Tailwind Directives to globals.css**:

@tailwind base;

@tailwind components;

@tailwind utilities;

**Shadcn:**

1. **Install Shadcn**:

npm install @shadcn/ui

1. **Import Shadcn Components**:

import { Button } from '@shadcn/ui';

**Ant Design:**

1. **Install Ant Design**:

npm install antd

1. **Import Ant Design Components**:

import { Button } from 'antd';

1. **Import Ant Design Styles in globals.css**:

@import '~antd/dist/antd.css';

**Material UI:**

1. **Install Material UI**:

npm install @mui/material @emotion/react @emotion/styled

1. **Import Material UI Components**:

import Button from '@mui/material/Button';

**Contact:** For any questions or clarifications, please reach out to Razwan Rifat at rifatrazwan24@gmail.com.