

## 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](#)
- **Ant Design Documentation:** [Ant Design Documentation](#)
- **Material UI Documentation:** [Material UI Documentation](#)

#### **CSS Framework Documentation:**

- **Tailwind CSS Documentation:** [Tailwind CSS](#)

#### **Frontend Framework Documentation:**

- **Next.js Documentation:** [Next.js Documentation](#)
- **React.js Documentation:** [React.js Documentation](#)

### **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
```

##### **2. Run the Development Server:**

```
npm run dev
```

## Tailwind CSS:

### 1. Install Tailwind CSS:

```
npm install -D tailwindcss postcss autoprefixer  
npx tailwindcss init -p
```

### 2. 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: [],  
}
```

### 3. Add Tailwind Directives to `globals.css`:

```
@tailwind base;  
@tailwind components;  
@tailwind utilities;
```

## Shadcn:

### 1. Install Shadcn:

```
npm install @shadcn/ui
```

### 2. Import Shadcn Components:

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

## Ant Design:

### 1. Install Ant Design:

```
npm install antd
```

### 2. Import Ant Design Components:

```
import { Button } from 'antd';
```

### 3. 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
```

### 2. 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](mailto:rifatrazwan24@gmail.com).