### **Header Section Layout Example (Mobile view):**

A **hamburger menu** could replace the horizontal list for smaller screens:

* Website Name (Logo)
* Hamburger Menu Icon
* When clicked, it shows:  
  + Home
  + About
  + Contact
  + Sign In / Sign Up

### **Body Section Layout Example (Desktop View)**

| **Hero Section** | **Categories Grid** | **Featured Tools (Optional)** |
| --- | --- | --- |
| **Title + Description + CTA Button** | **Category Cards (e.g., Text, Image, Video, Code, etc.)** | **Highlighted Tools with Short Descriptions** |

### **Body Section Layout Example (Mobile View)**

* **Hero Section**: Full-width hero section with title, description, and CTA button.
* **Categories Grid**: Stack category cards vertically on smaller screens.
* **Featured Tools**: Display 1-2 featured tools in a stacked format.
* **Search Bar**: Positioned near the top for easy access on mobile.

### **Footer Layout Example (Desktop View)**

| **Left Column** | **Center Column** | **Right Column** |
| --- | --- | --- |
| Website Name/Logo | Quick Links: About, Contact, Privacy Policy, Terms of Service | Social Media Icons: Twitter, LinkedIn, Facebook |
| Copyright Info | Newsletter Signup Form | Contact Email/Phone Info |

## **📅 AI Tools Directory – 4-Week Timeline (1 Hour/Day)**

### **🔹 Week 1: Research & Planning**

**Goal**: Gather data, finalize structure, and plan the UI

| **Day** | **Task** |
| --- | --- |
| 1 | Finalize what data to collect for each AI tool (fields: name, link, use cases, etc.) |
| 2-4 | Research and add 10–15 tools (Google Sheets or ai-tools.json) |
| 5 | Organize them into categories (text, image, etc.) |
| 6 | Draft a rough sketch of the UI (can use paper, Figma, or even a notepad) |

### **🔹 Week 2: React + Tailwind Setup**

**Goal**: Set up project and build static UI

| **Day** | **Task** |
| --- | --- |
| 1 | Create React app and install Tailwind |
| 2 | Build header and footer components |
| 3 | Create ToolCard component and display hardcoded tools |
| 4 | Style components using Tailwind |
| 5 | Make a ToolList page |
| 6 | Add dummy links and prepare for routing |

### **🔹 Week 3: Routing + Interactivity**

**Goal**: Add navigation, dynamic pages, and search/filter

| **Day** | **Task** |
| --- | --- |
| 1 | Set up React Router and add navigation between pages |
| 2 | Create ToolDetails page using URL params |
| 3 | Add a search bar with useState to filter tools |
| 4 | Add category filter (dropdown or buttons) |
| 5 | Add simple animation or responsiveness (Tailwind + basic transitions) |
| 6 | Review and polish UI + functionality |

### **🔹 Week 4: Backend & Hosting**

**Goal**: Make it dynamic and deploy online

| **Day** | **Task** |
| --- | --- |
| 1-2 | Learn basics of Node.js + Express |
| 3 | Set up Express backend with a route to return tools from JSON |
| 4 | Fetch data in React using useEffect |
| 5 | Deploy frontend (Vercel/Netlify) + backend (Render/Railway) |
| 6 | Test deployed version and write a README for your GitHub repo |