

Project 1:

Technology News Blog Website

Project Type: Individual

Duration: Two Weeks

Tools Required: Visual Studio Code, GitHub, HTML5, CSS3, JavaScript, Bootstrap, Tailwind.

Overview

This document outlines the structure and content of a responsive technology news blog website. The website will consist of three main pages: **Homepage**, **Articles Page**, and **About Us Page**. Each page will have a distinct purpose while maintaining a cohesive design and user experience.

1. Homepage (index.html)

Purpose

The Homepage serves as the main entry point for visitors, showcasing the latest technology news articles and providing easy navigation to other sections of the website.

Components

- **Header:**
 - Contains the blog's logo and a navigation menu with links to the Home, Articles, and About Us pages.
- **Main Section:**
 - Features a selection of the latest articles with:
 - Article title
 - Thumbnail image
 - A brief description or excerpt of the article
 - A "Read More" link that directs users to the full article.
- **Footer:**
 - Displays social media links and copyright information, ensuring users can connect with the blog on various platforms.

User Experience

Visitors will find the latest technology news at a glance, easily navigate to other sections, and subscribe for updates.

2. Articles Page (articles.html)

Purpose

The Articles Page presents a comprehensive list of articles published on the blog, allowing users to explore a wider range of topics within the technology sector.

Components

- **Header:**
 - Similar to the Homepage, including the blog's logo and navigation links.
- **Main Section:**
 - A structured layout displaying all articles with:
 - Article title
 - Publication date
 - Thumbnail image
 - A short excerpt or summary of the article.
 - A "Read More" link leading to the full article for more in-depth reading.
- **Sidebar:**
 - Can feature recent articles or popular tags to encourage users to discover related content.
- **Footer:**
 - Consistent with the Homepage footer, providing social media links and copyright information.

User Experience

Users can scroll through various articles, exploring diverse technology topics while easily navigating back to the Homepage or other sections.

3. About Us Page (about.html)

Purpose

The About Us Page provides insight into the blog's mission, values, and the team behind the content, helping to build trust and rapport with the audience.

Components

- **Header:**

- Maintains consistency with the other pages, featuring the logo and navigation links.
- **Main Section:**
 - A welcoming message explaining the blog's mission and vision.
 - Details about the contributors, including brief bios and roles.
- **Contact Information:**
 - A section with contact details or a contact form, allowing users to reach out with inquiries or feedback.
- **Footer:**
 - Similar to the other pages, containing social media links and copyright information.

User Experience

Visitors gain an understanding of the blog's purpose and the people behind it, enhancing their connection to the content and encouraging interaction.

Responsive Design

CSS Considerations

- The website will utilize a mobile-first approach, ensuring it is fully responsive across various devices (desktops, tablets, and smartphones).
- Media queries will be implemented to adjust the layout, font sizes, and navigation styles for different screen sizes, ensuring an optimal user experience on all devices.

Flexibility

- The layout will use flexible grid systems and percentages rather than fixed units to ensure that elements resize and reposition seamlessly across devices.

Project Submission

At the conclusion of your project, you are required to host your website on **GitHub**. Please submit the final project link in the designated Discord channel for review and feedback.