



Web Technology Project

News Website

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Introduction

- For our project, we are creating a dynamic news website which will display news from various sources across the internet to the user.
- The News will be categorized into various categories such as Headlines, Political, Finance, International etc.
- Users will be able to post feedback on a discussion forum on their views about the news under each article.
- The News will be fetched from the web and updated on the website. The Aim of the project is to create an interactive and informative News website where users may read the news and voice their opinions on the same platform.
- The Following web technologies will be implemented in this project:-
 - 1) HTML
 - 2) CSS
 - 3) JavaScript



HTML

- HTML5 will be used to create the basic layout of the website.
- The Design will consist of :-
 - a) Home Page
 - b) Navigation and Controls
 - c) Article Headlines and associated links
 - d) Comment section / Discussion Forum
 - e) Website Feedback and Contact details



CSS

- Use CSS for styling and layout. Adding background, border, buttons and other interactive elements.
- Ensure responsive design for various devices.
- **Global Styling:** Define global styles to create a consistent look and feel across your website. Set default fonts, colors, and background properties.
- **Header Styling:** The header is a critical element that includes the website logo and navigation menu. Style it for a professional and appealing appearance.
- **Article Styling:** The heart of a news website lies in its articles. Style them to enhance readability and engagement.



JavaScript

- ❑ **Dynamic Content:** Use JavaScript to make your website more interactive. Fetch and display news articles dynamically on your webpage.
- ❑ Enhance user experience by adding event handlers. For example, you can implement a "Load More" button to fetch additional articles without refreshing the page
- ❑ **Interactive User Interfaces:** Enhance user interfaces with interactive elements such as sliders, carousels, accordions, and other dynamic components to make the news website visually appealing and engaging.
- ❑ **Social Media Integration:** Incorporate social media widgets, sharing buttons, or embeds using JavaScript to enable users to easily share articles or engage with social media content directly from the news website.
- ❑ **Dynamic Content Loading:** Use JavaScript to dynamically load content without requiring a full page reload. This can be useful for updating news articles, comments, or other sections of the website without interrupting the user experience.



Conclusion

- In conclusion, creating a news website involves a combination of HTML for structure, CSS for styling and JavaScript for interactivity of dynamic content.
- Paying attention to the CSS part is crucial as it enhances the user experience and gives your website a polished look.