

Web Development - Case Study

Introduction:

Web development involves building and maintaining websites. The front end deals with how a website looks, while the back end handles server logic and data.

Core Technologies:

- HTML (HyperText Markup Language): Structure of web pages
- CSS (Cascading Style Sheets): Styling and layout
- JavaScript: Adds interactivity and dynamic content

HTML Example:

```
<a href="https://google.com">Visit Google</a>
```

CSS Example:

```
button {  
    background-color: blue;  
    color: white;  
}
```

JavaScript Example:

```
document.getElementById("btn").onclick = function() {  
    alert("Button clicked!");  
};
```

Conclusion:

Web development combines design and logic to create user-friendly digital experiences. Mastering HTML, CSS, and JavaScript is essential to get started.