AI Tool Usage Report

Which AI tool did you use?

For this web development project, I used ChatGPT as my primary AI assistance tool. It helped me with understanding and implementing iOS-style design elements for my website.

What specific questions did you ask and what were the responses?

Throughout my development process, I asked ChatGPT several questions regarding iOS-style design implementation:

1. **Question**: "If I want to create an iOS-style CSS, how should I do it?"

   Response: ChatGPT provided a comprehensive explanation of iOS design principles, including using system fonts (-apple-system, BlinkMacSystemFont), implementing flat design with subtle shadows, and maintaining consistent spacing. It also provided sample CSS snippets demonstrating these principles.

2. **Question**: "What colors and border-radius should I use for buttons in iOS style?"

   Response: ChatGPT explained that iOS buttons typically use #007AFF as the primary blue color, with a border-radius of 8-10px for standard buttons. It also mentioned that iOS uses different blue shades for different states (normal, hover, active).

3. **Question**: "What font sizes should I use for an iOS-inspired design?"

   Response: ChatGPT provided a detailed breakdown of iOS typography, suggesting:

   - Large titles: 34px

   - Title 1: 28px

   - Title 2: 22px

   - Title 3: 20px

   - Headline: 17px

- Body: 17px

- Callout: 16px

- Subhead: 15px

- Footnote: 13px

- Caption 1: 12px

- Caption 2: 11px

4. **Question**: "How do I implement a hover effect where components scale up slightly?"

   Response: ChatGPT provided CSS code examples using the transform: scale() property with transition effects:

```css
.element {
  transition: transform 0.2s ease;
}
.element:hover {
  transform: scale(1.05);
}
```

5. **Question**: "How can I implement iOS-style shadows?"

   Response: ChatGPT explained that iOS shadows are typically subtle and use a combination of box-shadow properties with low opacity. It provided examples like:

```css
.ios-card {
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.05);
}
```

How much of the project was completed with the AI tool?

It's almost just the css part, AI provided valuable assistance in designing iOS-style components by generating sample CSS, offering precise color codes and measurements, and suggesting best practices for responsive design. It also helped troubleshoot effects like shadows and hover animations. However, implementing these suggestions required significant manual effort, including

integrating the CSS into my existing styles, adjusting values for my design needs, testing across screen sizes, and refining animations for a natural feel.

What did you learn?

Through this process of using AI, I learned the importance of asking precise questions for better responses, evaluating and adapting AI-generated code to fit project needs, and understanding key iOS design principles like shadows, color schemes, and typography. I also gained insights into modern CSS techniques such as transitions, transforms, and flexbox layouts while balancing AI assistance with creative control over the final product.

For this project, what tasks do you consider effective for the AI tool to perform and what would still best be done with a human?

AI can quickly find standard parameters, such as color codes and the degree of rounded corners. However, AI can only provide me with some examples, like how to achieve this effect. But to fit it into my webpage ultimately, I still need to debug it step by step myself. AI can help me collect information quickly in the early stage, but the specific implementation part needs to be done manually by me.

Do you feel the AI tool helped you implement this project faster? If yes, approximately how much faster?

Yes, using ChatGPT has indeed accelerated my development process. I estimate it has saved me 3 to 4 hours of work. Without AI, I would have needed to browse multiple websites to gather the same information that AI provided within minutes.

Would you use the AI tool again?

I will most likely still use AI to assist with my work because it can indeed save a lot of unnecessary time. I should probably use AI as an advanced version of a browser.