

Project name: LLM driven website creation

Problem statement:

We have sparked interest in the advent of Large Language Models (LLMs)' potential application for automating website creation. However, the effectiveness, scalability, and adaptability of LLM-driven approaches in generating dynamic and user-friendly websites remain uncertain. This research seeks to address the challenges and opportunities associated with LLM-driven website creation, exploring issues related to content quality, design coherence, customization, and performance optimization, with the aim of developing practical and efficient methodologies that leverage LLMs for web development while ensuring a seamless user experience.

Application:

This holds considerable significance, particularly for small enterprises and aspiring individual creators who endeavor to establish a distinctive online presence substantiated by a domain name. We obviate the requirement for software engineering services on the part of these clients by soliciting comprehensive and detailed depictions of their desired website aesthetics and functionalities.

List of papers and open sources:

<https://medium.com/geekculture/how-to-create-a-website-design-using-midjourney-fe0d784ba716>

<https://www.linkedin.com/pulse/impact-gpt-4-web-development-advancements-shahid-sharif>

[https://www.reddit.com/r/ChatGPTPro/comments/14w2qre/using\\_gpt4\\_to\\_build\\_a\\_beautiful\\_website/](https://www.reddit.com/r/ChatGPTPro/comments/14w2qre/using_gpt4_to_build_a_beautiful_website/)

<https://www.allabtai.com/how-to-create-a-illustrated-story-with-chatgpt-and-midjourney/>

<https://www.nature.com/articles/d41586-023-00816-5>

<https://lablab.ai/t/gpt-4-tutorial-how-to-build-a-website-with-bing-chatbot>