

AI TOOLS

AI tools are on fashion. Developers are exploring the potential of tools such as chat GPT to generate automatically apps. There are many examples of code produce by AI tools. Research and select one tool, explore and try some examples to produce UI that includes specific features related with usability attributes. Based on your research and experience explain the real potential of the AI tools and the constrains. Provide some arguments related the following points:

- What's the quality of the UI you could produce?
- How was your experience producing UI with an AI tool? Is it easy to use the AI tool?
- Considering the final result of the UI, to how extend it include the usability attribute?
- Will the UX role change significantly with the development of AI tools? How?

The tool I chose for my research about AI tools was DeepSeek, which allows you to create and develop extensive open-source language models. I used it to explore and try some examples to produce UI that includes specific features related to usability attributes. I asked it to generate the code for an accessible registration page, and the tool gave me functional code in HTML, CSS, and JavaScript. It included form fields, basic validation, and responsive design. Meanwhile, I observed several usability attributes, including visual feedback and clear hierarchy. Nevertheless, like many other artificial intelligence tools, DeepSeek has its limitations. It does not create a good-looking design instead, it produces a generic design that, of course, requires manual adjustments. Thus, the UI is a great starting point, but it needs human refinement.

Using DeepSeek was easy because I could ask for what I needed in simple words. The tool is fast and helpful for basic tasks, but it does not understand complex design needs without very clear instructions. AI tools like DeepSeek can help UX designers work faster by automating simple tasks. Instead of building everything from scratch, designers can use AI to create drafts and then improve them. However, AI cannot replace human creativity and empathy.

I think that the biggest advantage of AI is speed, it can generate code and design in seconds. This is great for testing ideas quickly but AI has limits, AI is best for simple tasks, while us handle the creative and complex parts of UX design.