

Reflexion: AI Tools

AI tools are in fashion. Developers are exploring the potential of tools such as chat GPT to automatically generate apps. There are many examples of code produced by AI tools. Research and select one tool, explore and try some examples to produce a 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 constraints. 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?

<https://youtu.be/uwSY9XqQGxw>

The AI tool I've chosen to research is **ChatGPT** since it's the most popular and well documented. The quality of UI that this tool is able to produce is generic when provided a broad command but can become more personalized based on how detailed the command is. For example, if I command the tool to generate a form on a webpage, it will give me exactly that; a simple `<form>` in a js page. However, if I detail the command to be "using react js and mui v5 generate a form" it should produce a personalized chunk of code.

My personal experience using this tool has been fantastic. I've found that it can help find references on several questions I've had about programming, it's able to provide generic pieces of code to better understand how certain components work. In my case, I used it to explain how to implement server-side logic to a react js project I've been working on. Overall, ChatGPT is a very simple to use tool, however, to obtain the best results a detailed command must be inputted. It is important to note that the responses given by ChatGPT are not always correct or true, so the information obtained must be corroborated by the user to ensure veracity.

Now, taking the previous example of the personalized form we can extend the usability attribute by commanding the tool to generate the form using specific UX conventions such as *Consistent Interface Design* and *Responsive Design*. Inputting this command "using react js and mui v5 generate a 3 page form with a responsive and consistent interface design" should provide a form that has usability attributes.

In conclusion, I think AI Tools such as ChatGPT will definitely change the UX role in a positive way since it can provide synthesized data very quickly, thus cutting down research time significantly. For example, you could ask “What are some UX conventions”, then “generate an example of how this can be implemented in [SPECIFIC CONTEXT]” and from there develop even more detailed questions that can provide specific information on what was asked, all within practically 30 minutes when normally it could take anywhere from 1-5 hours conducting research and reading.