

Reflection – AITools

In recent years there has been an increasing interest in the development of AI tools that could help automate processes to increase efficiency. In the case of the field of Human-Computer Interaction, developers have been trying out the potential of these tools to automatically generate apps and interfaces.

Last time I have commented that AI tools were incapable of producing code for slightly more complex apps in a way that it provides usability to the user. However time has passed since then and the AI tools got better after acquiring more data and thus more training. Giving it a second shot, I was able to have it produce a code for a simple window to perform simulated product transactions. Not only was the code very functional, but it also offered decent usability, with an UI that is intuitive and very clear on how to use.

The tool still requires the prompts to be very clear and detailed to deliver the best results, and the product still has some flaws, but the flaws were very easy to fix with some minor tweaking and it is still a substantial improvement over last time. The AI tool is close to providing usability to offer better experience and handling on the codes it generates, but it's still important that it gets trained properly so it could cover the special needs of users such as those having a disability.

In this current state AI tools can provide a lot of help to programmers in the development of new codes. Even if not perfect, it greatly helps speed up the development process by offering an initial product the programmers can simply tweak to their needs, saving up a lot of time that they can use to ensure good UX and usability. With this in mind, the UX role would have an importance to make sure the AI tools are given the proper care and guidance so that it can produce codes that offer usability for the users.

References:

Lawrence, N. (04/01/2023). *AI in UI / 2023 and Beyond*. Retrieved from <https://uxplanet.org/ai-in-ui-2023-and-beyond-346b4602eff7>

Terán, M. (17/09/2018). *Five usability factors that make products usable*. Retrieved from <https://medium.com/symsoft/five-usability-factors-that-make-products-usable-573657edc9f2>