

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.

As of this writing, the AI tools available and their present state have shown to be relatively easy to use, only requiring to write a clear prompt to start generating the desired codes, for this case one for a web calculator. The resulting codes seemed basic, but were functional and accomplished their intended purpose. However in terms of usability it was barebones, only meeting the minimum to be usable and readable, not involving any other factors to improve the experience of handling the overall app.

In addition the tools are for the moment incapable of generating codes for slightly more complex apps such as ones to handle transactions of products in a way that results in an app that is easy to learn, use and understand, and are engaging to handle. Such incapability being attributed to insufficient data the AI tool has to train with to accomplish such tasks effectively. And on the topic of data, there are legitimate concerns that if the AI tools are not handled properly and not given appropriate data, there's a risk that the apps they generate wouldn't take into account the needs of all users, especially those with disabilities.

There's no doubt these AITools could be great tools that could facilitate the creation of apps and user interfaces, making UX design and development drastically efficient for developers, but for that to happen it's imperative that the data those tools receive to train with to improve themselves must take into account all types of users so that the codes they generate can ensure they accommodate to their needs.

References:

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