

## AI Tools

My example is UI Bakery, is a low-code platform that allows developers to create web and mobile applications using pre-built templates and drag-and-drop components. The platform uses AI algorithms to help streamline the development process and automate certain tasks, such as generating code and creating UI layouts.

The quality of the UI produced using UI Bakery depends on the developer's skills and expertise. While the platform can ensure consistency and usability, it ultimately depends on the creativity and attention to detail of the developer. From what I have used, UI Bakery is design to be user-friendly and intuitive, providing a range of customizable templates and components.

UI Bakery can assist with incorporating certain usability attributes into the UI design, but it cannot replace the expertise and creativity of UX designers. While the platform can ensure consistency and layout, it cannot fully replace the need for UX designers

Regarding the impact of AI tools on the role of UX designers, it is likely that their role will continue to evolve and adapt to incorporate the use of AI tools. While AI can help automate certain tasks, UX designers will still need to use their strategic thinking, creativity, and problem-solving skills. AI tools can enhance the work of UX designers, but they cannot fully replace the value of human input and design expertise

### Bibliography:

AI tools in decision making support systems: a review by gloria phillips-wren

Venkatesh, V. Adoption and use of AI tools: a research agenda grounded in UTAUT. *Ann Oper Res* 308, 641–652 (2022). <https://doi.org/10.1007/s10479-020-03918-9>

G. R. Finnie and G. E. Wittig, "AI tools for software development effort estimation," *Proceedings 1996 International Conference Software Engineering: Education and Practice*, Dunedin, New Zealand, 1996, pp. 346-353, doi: 10.1109/SEEP.1996.534020

Morley, J., Floridi, L., Kinsey, L. et al. From What to How: An Initial Review of Publicly Available AI Ethics Tools, Methods and Research to Translate Principles into Practices. *Sci Eng Ethics* 26, 2141–2168 (2020). <https://doi.org/10.1007/s11948-019-00165-5>

Holmes, W., Porayska-Pomsta, K., Holstein, K. et al. Ethics of AI in Education: Towards a Community-Wide Framework. *Int J Artif Intell Educ* 32, 504–526 (2022). <https://doi.org/10.1007/s40593-021-00239-1>

