

Improved Design Description According to the evaluation process, the old design has suffered from many problems which are related to user experience. Finally, reflecting on the outcomes and learning from the experience allows for continuous improvement. UCD places a strong emphasis on comprehending the requirements, preferences, and behaviors of users, whereas other software process models concentrate on tasks like requirements collecting, coding, and testing. Additionally, promoting inclusivity is essential by designing the touch interface to be accessible to diverse users, including those with disabilities, and considering factors such as usability and readability. By prioritizing the needs of users throughout the design and development process, user-centered design (UCD) enhances existing software process models in the context of food ordering applications. These HCI models, styles, and paradigms contribute to creating an intuitive and engaging touch-based food ordering application that enhances the overall user experience. In the context of a touch-based food ordering application, there are various models, styles, and paradigms that contribute to a seamless human-computer interaction (HCI) experience. Through swiping, tapping, pinching, and dragging directly on the touch screen, users can effortlessly explore food options, customize orders, and navigate through menus. Lastly, the Direct Manipulation paradigm aligns well with touch-based interfaces, as it enables users to directly interact with on-screen elements. Evaluating and selecting the most appropriate solution requires assessing its feasibility, effectiveness, and potential impact while considering constraints and user requirements. Continuous learning and improvement are also crucial, staying updated with industry standards, best practices, and user feedback to deliver a quality user experience, while seeking personal and professional growth in a responsible and ethical manner.