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Abstract

Many industries has been transformed with the rapid growth observed with the usage of digital technologies and AI; however, many skilled artisans in Africa and developing nations still behind due to limited access to internet and digital presence. In this study, the researcher design and implement a web-based artisan finding system that aims to connect artisans with potential clients within a digital marketplace. This system allows users to browse and locate artisans by location and service categories, in the same vein it allows artisans to register, display their services, manage bookings, and receive customer feedback. Furthermore, this system incorporates other features like geo-

location search, user authentication, profile management, booking functionality, and a client review mechanisms. The system was developed using technologies like