ABSTRACT

In contemporary era, technology has enabled a global connectivity, on the other side rural artisans encounter hurdles in sharing and selling their products. To preserve cultural heritage and to foster their economic sustainability our AI/ML based app serves as a solution to facilitate seamless sharing within this platform that includes traditional products like handwoven textiles, traditional pottery, wooden handicrafts, handmade instruments. This platform integrates various features to enhance user engagement that enables both Artisans and Art Enthusiast to explore a collaborative platform that facilitates the sharing of knowledge about cultural heritage. By installing the app, artisans can register and gain access to AI customisation support, which enables customers to customise products to their specifications. AI algorithms that examine user inputs and preferences to provide tailored product recommendations enable this customisation process. Before completing their orders, users can also see their customisations though AI-driven image recognition technology. The app also makes use of AI-powered image recognition to guarantee precise product classification, which expedites users browsing experiences. Craftspeople can concentrate more on their craft and less on administrative work by automating this process, which will increase productivity and efficiency