JStar: Jewellery E-commerce App Through Mobile Technologies

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Abstract: *JStar is an innovative jewellery e-commerce application designed to offer a seamless shopping experience. By integrating Augmented Reality (AR) for virtual try-ons, Artificial Intelligence (AI) for chatbot support, and real-time gold rate APIs, Jewellery Customization, virtual try-ons, JStar addresses the challenges traditional jewellery buyers face, such as lack of price transparency and high making charges, no options to customize, lack of try-on options. The app also incorporates Hallmark Unique Identification (HUID) verification for authentication, building trust in online jewellery purchases. This paper details the features, architecture, and technical components of JStar.*

Keywords: Jewellery E-Commerce, Augmented Reality, Real-Time API, Customization, Chatbot, Virtual try-on