AR-Based Interior Design Application

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Abstract: *Modern interior design is a dynamic field that is always changing with new trends, materials, and user preferences. With the help of augmented reality, this app offers users a dynamic and immersive experience that seamlessly blends the virtual and real worlds, revolutionising the way people envision and personalize their living spaces. Traditional interior design often relies on static images and imagination, which leads to uncertainty and dissatisfaction during the implementation phase.*

As technology develops, Augmented Reality (AR) offers a potent instrument for revolutionising how people design and customize their living environments. This abstract presents a cutting-edge augmented reality (AR) interior design application that aims to transform the interior design process. Users may see and interact with virtual furniture, décor, and layouts in real time by utilising AR's capabilities, which allows digital components to be seamlessly integrated into their physical environment. Users may experiment with many design options using this app's user-friendly and immersive platform, which guarantees that every choice they make will properly suit their practical requirements and personal flair. This augmented reality tool helps users make well-informed design decisions by bridging the gap between imagination and reality, from selecting the perfect colour scheme to positioning furniture in real dimensions..

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