



Abstract

Real estate is considered as evergreen field in business. However, this field of business is somewhere lagging in utilizing technological advancement. Main objective of our project is to give property buyers more understanding of property they desire to buy, using Virtual Reality and Augmented Reality. Which is useful for not only buyers, but brokers as well. Because it will be easier for them to explain different options of possible development in property to customers. It gives more flexibility to both parties, since using Virtual reality user can have look at different properties from any remote place. Buyer can have crystal clear understanding of property, because using Augmented reality buyer can understand how they can build their dream house or building from that particular property and they can also analyses different options in which they can develop that property. That is why the product name is : 'VBuildD - We Build Dreams'.

Working Demo



Procedure

Creating 2D floor plan on SketchUp

Converting 2D floor plan to 3D model

Importing SketchUp file on Unity

Setting up Sketchup file for VR

Build Application

Conclusion

- This system will enhance the Real Estate business in terms of marketing and business strategy.
- Customer will have better insight of properties. Sellers can also study buyer's interest and suggest appropriate property without much physical efforts, thanks to Virtual Reality.
- It will make tedious and exhausting process of purchasing property much easier, effective and flexible.
- In this technological era where the seeds of Metaverse are planted, there is no limit till this product can possibly grow.