

AR Travel Portal Platform

AVRSPOT CASE STUDY

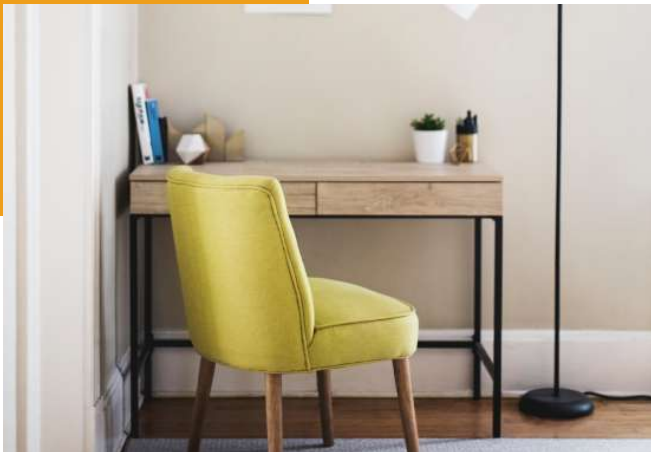


AVRspot

Scope of the project

At AVRspot we created an AR experience that enables users to look through full-scale homes on their smartphones or tablets

Through this application, users are able to effortlessly visit numerous properties to select the one that is best suited to their needs.



This application provides a tremendous opportunity for real estate agents to show a plethora of homes to potential buyers without taking the time and resources to drive the potential buyer to all their listings. Furthermore, users can revisit the spaces on their own time to fully imagine what it would be like to reside in the homes.

In this 'virtual walkthrough' users simply scan the floor area of their physical world. The app then places a spatially-aware, to-scale model of the home wherever the user is standing. They are able to walk through the different doors into all of the rooms and go to the different levels of the home.





The technology we used:

To create this AR Travel Portal Platform our team at AVRspot used: ARCore, Unity Engine as well as inner Unity and C# libraries

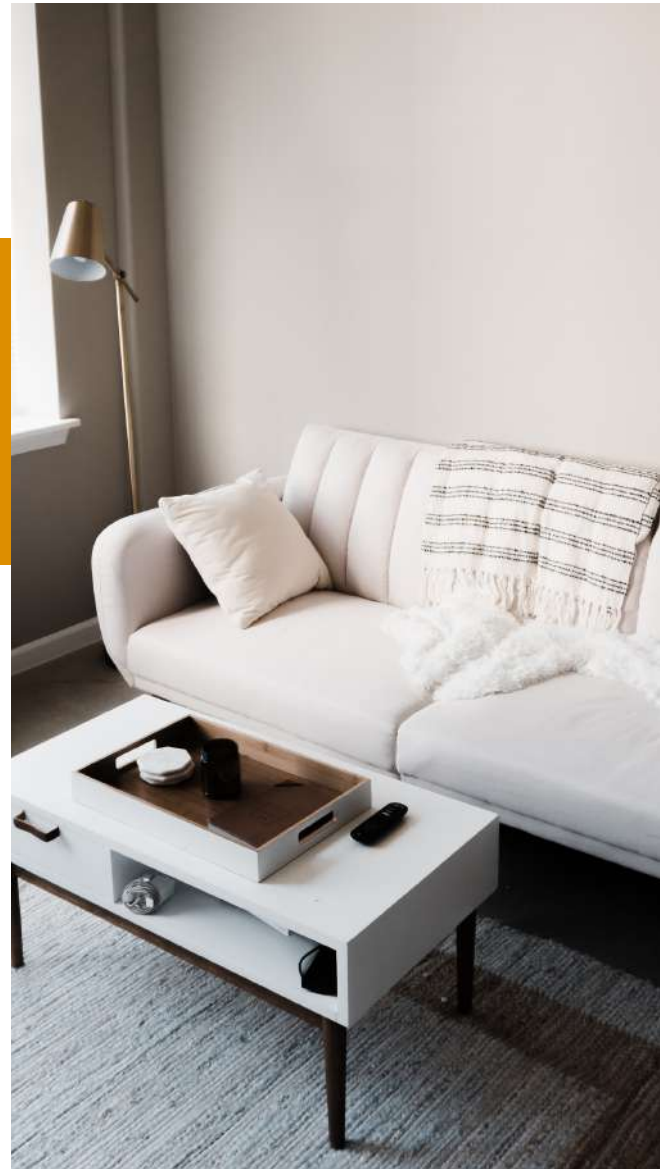
This technology can create a 360-degree tour of any home or apartment without the user having to have a technical background. This is because the app allows users to simply upload 360 photos of the residence and a full-scale model will be generated.

Furthermore, using a 360 spheres management algorithm users can set the starting point and transition points within the rendering to lay out the course the potential buyer will take in the virtual walkthrough.

Takeaways:

This application is available for both Android and iOS platforms and is a major breakthrough for remote viewings within the real estate industry.

It is easy to create multiple tours through numerous homes thus providing realtors with the ability to optimize the way they show homes.



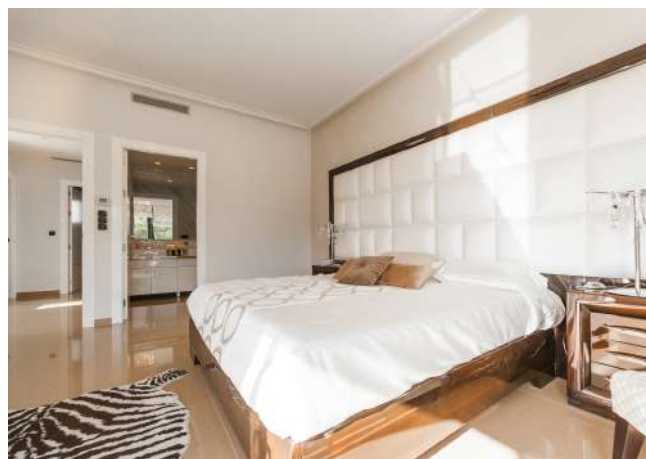
Benefits

- ✓ Realistic panorama (360 degrees) and the possibility of rotation;
- ✓ Automatic tour creation;
- ✓ 360 spheres management algorithm for virtual tour creation;
- ✓ 3D visualization method is a great way to reduce the expenses and save your time.
- ✓ An option to select rooms and walk through them;
- ✓ Possibility to “walk” through the apartment remotely;
- ✓ The 3D immersive environment enables a user to navigate through and interact with the environment;



Results

The team of AVRspot's experts designed & created applications for Android and iOS platforms that allow its users to virtually teleport from any location and observe the desired properties. The ultimate AR portal solution helps customers walk through a property or an apartment in real time.





About AVRspot

AVRspot helps clients transform their businesses by providing virtual and augmented technology solutions.

We solve sophisticated issues with creative strategy and large-scale engineering. By applying design-driven prototyping approach in combination with proven project management techniques our highly qualified team delivers outstanding digital solutions and content to our clients.

Our team of experts provide AR/VR Consulting, Product Design & Implementation, and Usability Testing. Moreover, we have experience in cross-border collaboration and virtual teams.