

Use Case

Virtual Reality and the Liquid Galaxy



We are going to ideate use case of Liquid Galaxy in Aquariums.

About Liquid Galaxy:-

The Liquid Galaxy is an open source project founded by Google. Created in 2008 by Google employee Jason Holt, the Liquid Galaxy started as a panoramic, multi-display viewing that gives the ability to view panoramic video, photos and much more.

- The Liquid Galaxy can play panoramic photos and videos that stretch beyond viewers' peripheral vision, totally surrounding them in another place.

For more information of Liquid Galaxy, click on the following link :-

https://en.wikipedia.org/wiki/Liquid_Galaxy

About Virtual Reality :-

Virtual reality (VR) is a computer technology that uses virtual reality headsets or multi-projected environments, sometimes in combination with physical environments or props, to generate realistic images, sounds and other sensations that simulate a user's physical presence in a virtual or imaginary environment. A person using virtual reality equipment is able to "look around" the artificial world, and with high quality VR move around in it and interact with virtual features or

items. The effect is commonly created by VR headsets consisting of a head-mounted display with a small screen in front of the eyes, but can also be created through specially designed rooms with multiple large screens.

For more information about virtual reality, click on the following link :-

https://en.wikipedia.org/wiki/Virtual_reality

- The following are the use cases of Liquid galaxy in virtual reality.

-- This new and impressive technology can be used in many ways.

1) Liquid Galaxy can be used to show the screen of mobile that is connected with VR.

Example :- Professor is going to teach something by 360(panoramic) video but in video, there is many useless things too. So professor just wear a VR and connect it to Liquid galaxy. So he can explain to their students by controlling the video through VR and saw it to students.



2) Liquid Galaxy can be used to watch the VR games.

Example- Someone is playing games on VR and the VR is connected to Liquid Galaxy. So we watch his performance on Liquid Galaxy and can acquire the exact feel that we are in the game.

3) Liquid Galaxy can be used to watch live view of museum through transformer.

Example: Place a transporter in the famous museum,monument etc. and the tourist guide control the transformer through the VR and the VR is connected to Liquid Galaxy because of this the tourist guide can explain

about the specific painting/thing etc placed in the museum through Liquid Galaxy to tourists from any part of the world.



For more information about the transporter, click on the following link:-

<https://www.youtube.com/watch?v=CITqJxPR5Cc>

Q. Why the Liquid Galaxy can be used in this area ?

Earlier there is no such technology that shows the VR games on TV or on Liquid Galaxy. It also helps in the international VR games tournament, by giving the exact feel of game through Liquid Galaxy to the audience .

<https://www.youtube.com/watch?v=d3CMK2Hynb0>

Thanks

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