

# Use Case

## Aquariums 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](https://en.wikipedia.org/wiki/Liquid_Galaxy)

### About Aquarium :-

An **aquarium** (plural *aquariums* or *aquaria*) is a place where fish and other animals that live in water are kept by humans. An aquarium can be a small tank, or a large building with one or more large tanks.

Keeping an aquarium is a popular hobby around the world. Careful aquarists (people who keeps aquariums) make sure their fish live in an environment

similar to their natural habitats. This means caring about water quality, lighting, and food.

Large public aquariums are often popular with tourists. They show the fish and other animals they keep in large tanks, and also often protect species that are close to extinction. An example of a public aquarium is Sydney Aquarium, Australia.

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

<https://en.wikipedia.org/wiki/Aquarium>

**- The following are the use cases of Liquid galaxy in aquarium.**

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

**1) Liquid galaxy can be used in aquarium to give information about the species that are present in aquarium. Information like Life span, their weight, the population of that particular species etc.**

**2) Liquid Galaxy can be used in aquarium by giving virtual experience to people by just set up a 360 camera inside the aquarium and view it in liquid galaxy setup and people experience like they are inside the aquarium.**

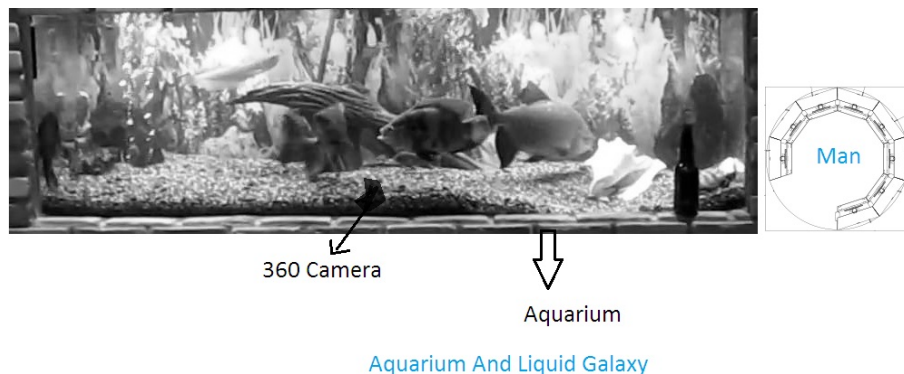
3) If a species is not available in that particular aquarium, then visitor can search that species on Liquid Galaxy and get information of species, and also can see it live on liquid galaxy in aquarium.

4) Visitors can also see the tours of aquarium from different countries with the help of Liquid Galaxy installed in aquarium.

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

Earlier, In the world`s famous aquarium as well as in small aquatic museum, there were no technology that gives the panoramic view of aquarium from inside. But now, with the help of Liquid Galaxy it is possible

Earlier, the visitor have limited option to saw the aquatic species but now it can see any species, visit any famous aquarium virtually from the any part of the world in aquarium.



**Thanks**

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