

USE CASE

Engineers and The Liquid Galaxy



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

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 Mechanical engineering :-

Mechanical engineering is the discipline that applies engineering, physics, and materials science principles to design, analyze, manufacture, and maintain mechanical systems.

It is one of the oldest and broadest of the engineering disciplines.

The mechanical engineering field requires an understanding of core areas including mechanics, dynamics, thermodynamics, materials science, structural analysis, and

electricity. In addition to these core principles, mechanical engineers use tools such as computer-aided design (CAD), and product life cycle management to design and analyze manufacturing plants, industrial equipment and machinery, heating and cooling systems, transport systems, aircraft, watercraft, robotics, medical devices, weapons, and others. It is the branch of engineering that involves the design, production, and operation of machinery.

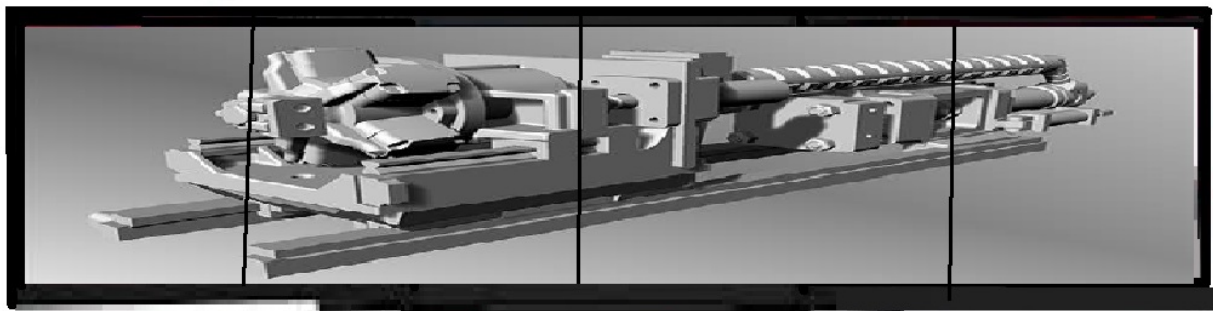
For more information about Mechanical engineering, click on the following link :-

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

- The following are the use cases of Liquid galaxy in Mechanical Field.

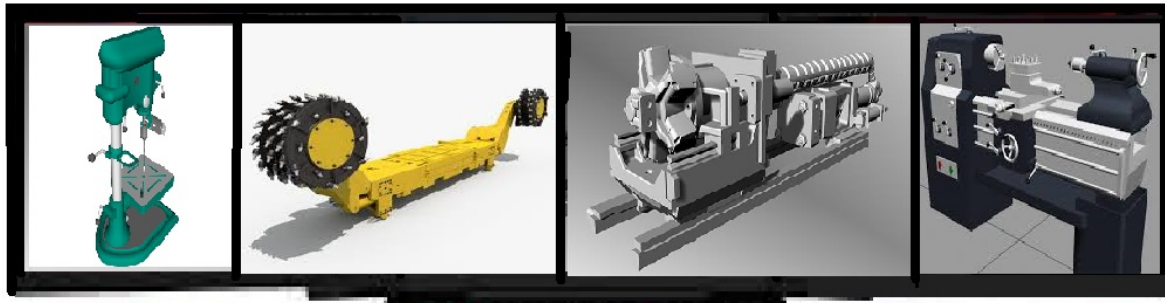
-- This new and impressive technology can be used in many ways.

1) Liquid Galaxy can be used to view 3D models of machines. Engineers can zoom the 3D model as much as they want in liquid galaxy. It helps mechanical engineers a lot in 3D modelling of machines.



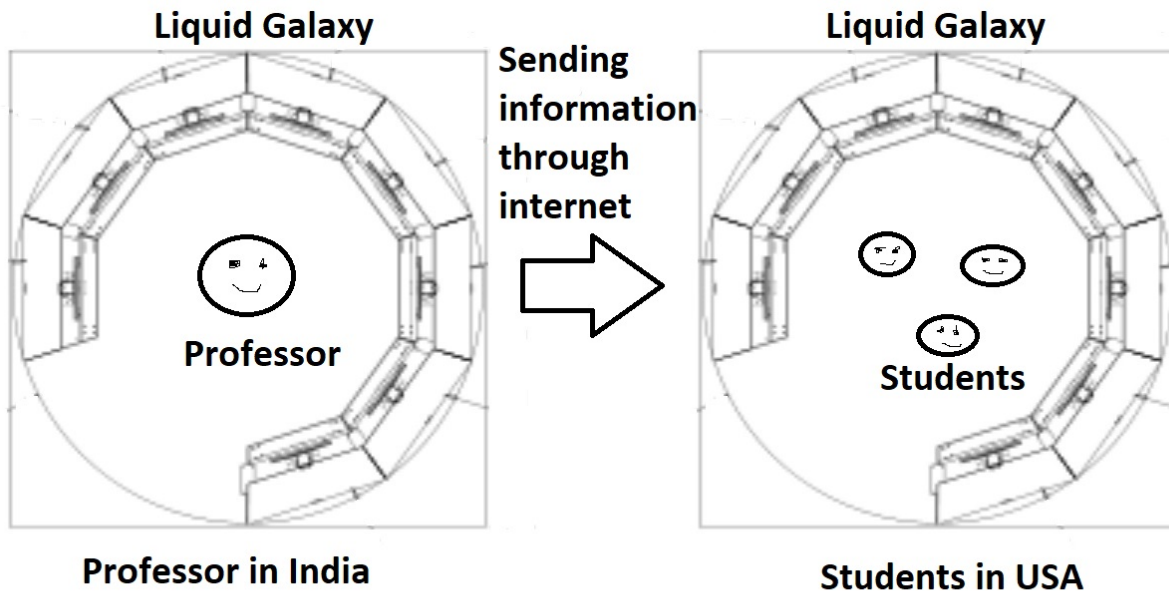
3D Model of a machine on Liquid Galaxy

2) Team of Mechanical engineers can discuss the multiple 3D models simultaneously with the help of Liquid Galaxy.



Multiple 3D Model of machine on Liquid Galaxy

3) Professor can teach to many mechanical engineer simultaneously of different colleges as Liquid Galaxy will installed in many colleges. Liquid Galaxy`s monitors as the interface and speakers for the communication to Professor as the Liquid Galaxy is connected with the internet.



TOP VIEW

4) Mechanical students can also explore panoramic videos of machines from internet on Liquid Galaxy.

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

Earlier, There is no such technology on which mechanical engineers can view multiple 3D models simultaneously.

This technology can help them to view multiple 3D models.

By this technology, Mechanical engineers do work better and help the mechanical engineers to connect around the world.

Thanks

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