

Use Case

E-Health and the Liquid Galaxy



We are going to ideate use case of Liquid Galaxy in E-Health.

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 out as a panoramic multi-display Google Earth viewer, but has evolved to become a general data visualization tool for operations, marketing, and research. It brings rich satellite imagery, oceanic data, and points of interest from all over the globe.

The Liquid Galaxy gives the ability to fly around Google Earth, view panoramic video and photos, develop interactive tours, and graphically display GIS data in an immersive, panoramic environment.

Liquid Galaxies are regularly used by Google to showcase Google's geospatial technologies and to promote its image at trade shows and exhibits. Other nonprofit and commercial enterprises are using Liquid Galaxies inside company offices and at trade shows to attract attention with their own featured content.

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

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

About E-health :-

E-health is a relatively recent healthcare practice supported by electronic processes and communication, dating back to at least 1999. Usage of the term varies. A study in 2005 found 51 unique definitions. Some argue that it is interchangeable with health informatics with a broad definition covering electronic/digital processes in health, while others use it in the narrower sense of healthcare practice using the Internet. It can also include health applications and links on mobile phones, referred to as mHealth or m-Health. Since about 2011, the increasing recognition of the need for better cyber-security and regulation may result in the need for these specialized resources to develop safer eHealth solutions that can withstand these growing threats.

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

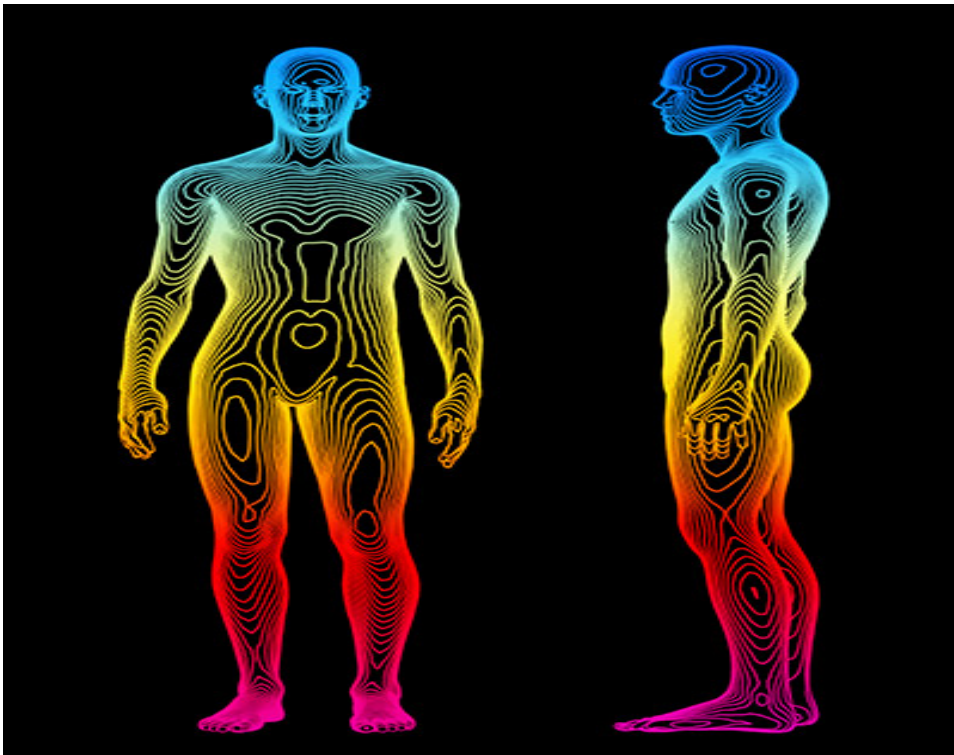
<https://en.wikipedia.org/wiki/EHealth>

- The following are the use cases of Liquid galaxy in E-health.

1) Liquid galaxy can be used by the patient, staying at hospitals for months by searching about the medicine, diseases, and his health report online.

Example:- If a patient staying at a hospital from a long time and suppose he has cancer then he go to Liquid Galaxy setup and can search about the cancer disease, medicine, treatment etc through internet. He can view his health online daily.

2) Liquid Galaxy can be used by the patients to view their MRI scan in 3D, so they will get to know exact recovery of their body and discuss with the doctors about it.



3) Liquid Galaxy can be used by the patient to watching online or preinstalled videos/photos of his/her disease.

Example:- Suppose, a patient is suffering from cancer and he is in the initial stage of cancer, so he can view the videos/photos of how the cancers is form and videos about how to resolve it etc in panoramic view through internet or through preinstalled videos/photos of cancer.

4) Liquid Galaxy will give the option of sign up to the new patients. After that whenever patient login in the Liquid Galaxy, Patient can view his/her previous MRI scans as well as new MRI scans. It helps the patient to compare the Old MRI scan to the new MRI scans. It also helps the patient to view his/her recovery day by day.

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

Earlier, there is no such technology that can be used by the patient to view the recovery of his body. By the liquid Galaxy, patient can view his recovery and MRI scans in 3D and discuss it with the doctor daily.

Thanks

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