

# LITERATURE SURVEY

## **Abstract:**

The plasma therapy is an experimental approach to treat patients with low plasma count, corona-positive patients, and help them recover. This plasma therapy is considered to be safe & promising. A person who has recovered from Covid can donate his/her plasma to a person who is infected with the coronavirus. This system proposed here aims at connecting the donors & the patients by an online application. By using this application, the users can either raise a request for plasma donation or requirement.

This system is used if anyone needs a Plasma Donor. This system comprises of Admin and User where both can request for a Plasma. In this system there is something called an active user, which means the user is an Active member of the App and has recovered from Covid 19, only such people are recommended here for Plasma Donation. Both parties can Accept or Reject the request.

**Keywords:** Cloud, Cloud Development, E-Health , GPS, Blood bank database, Call routing-health, Acceptors , serverless, plasma theory.

## **Literature survey:**

Cloud communicating is an emerging technology that can be integrated with traditional health management used to provide better health services. Traditional healthcare systems mainly include personal and public healthcare services, teaching and research activities. Personal healthcare services are offered at hospitals, homes and different organizations. Public healthcare services involve guidelines for drugs, food and safety policies to maintain a healthy environment.

In this paper, the author has carried out analysis based on the opportunities presented by serverless computing. They emphasise that serverless services are more affordable approach for many network services and it is more user friendly as serverless approach will relieve the customers from the intricacies of deployment. These services will help to improve the new business opportunities. Author conducted a survey of existing serverless platform in this paper from source projects, industry, academia, use cases, and key characteristics and has described the challenges and the open problems associated with it.

Authors work presented a hands-on experience of serverless technologies using different services from different cloud providers such as Amazon, Google, IBM, Microsoft Azure. In this paper three demonstrators for IBM Bluemix OpenWhisk were presented. They exhibit event-based programming triggered by weather forecast data, speech utterances and Apple WatchOS2 application data. And also demonstrated a chatbot using IBM Bluemix OpenWhisk that calls on the IBM Watson services which include dates, weather, alarm services, news and music tutor. In this paper serverlessOS was designed.

It comprises of components such as desegregation model that leverages desegregation for abstraction but it will enable resources to move fluidly between servers for the performance. The second key component is cloud orchestration layer which helps to manage fine-grained resource placement and allocation throughout the application lifetime with the help of global and local decision making. And the third component is an isolation capability which enforces data and resource isolation. In this paper an efficient resource management system for serverless computing framework was proposed which aims to enhance resource with a focus on memory allocation among the containers and the design which was added on top of an open-source serverless platform, openLambda and it is based on allocation workloads and serverless functions memory needs events are triggered.

#### REFERENCES :

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