Literature Survey

Team No :1

Team ID :PNT2022TMID47116

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S. NO	TITLE	AUTHOR	YEAR	PROPOSED WORK	TECHNOLOGY	PRONS	CONS

1.	Instant plasma donor recipient connector web application	Kalpana Devi Guntoju, Tejaswini Jalli, Sreeja Uppala, Sanjay Mallisetti	2022	Donors can upload the covid 19 certificate and they can make a request to the donor	Cloud computing	COVID19 people are encouraged to donate plasma	Takes more time for verification.
2.	Convalescent Plasma Therapy: Data driven approach for finding the Best Plasma Donors	M N Noorshidha and G. Aghila	2021	An effort to mimic the data of plasma donors as the donor's clinical history data is not publicly available	Cloud computing	Classification and Regression algorithm results in the account of the donor selection task.	Even a tiny variance in data can lead to a high variance in the resulting prediction

3.	**Nearest Blood & Plasma Donor Finding: A Machine Learning Approach**	**Nayan Das, MD. Asif Iqba**	**2021**	**To build a platform with clustering algorithms which will jointly help to provide the quickest solution to find plasma donor.**	**Cloud Technology**	**Plasma recipient can effectively get donors using kmeans and agglomerative system in any situation**	**k-means has trouble clustering data where clusters are of varying sizes and density**

4.	Developing a plasma donor application using Function-as-aservice in AWS	Aishwarya R Gowri	2020	This project plasma donor application is being developed by using AWS services	Cloud Technology	Selection of the donors are available in any situations	Common cloud computing problems

5.	**Synthetic Paper Separates Plasma from Whole Blood with Low Protein Loss**	**Weijin Guo , Jonas Hansson , Wouter van der Wijngaart**	**2020**	**The seperation of plasma from whole blood is the first step in many diagnostic testes.Here, investigate plasma seperation on interlocked micropillar scaffolds by the local agglutination of blood cells**	**Cloud Computing**	**The simplicity of our device and the performance of our approach could enable better point-ofcare tests.**	**Time consumption**