# Literature Survey

Team No :

College Name : Adhiyamaan Collage OF Engineering

Department : ECE

Team Names : Thrivikram Chetty

Rajesh

Vijay

Vignesh

| WQE | TITLE | PROPOSED WORK | TOOLS USED/ ALGORITHM | TECHNOLOGY | ADVANTAGES/ DISADVANTAGES |
|---|---|---|---|---|---|
| 1. | Developing a plasma donor application usi ng function as-a-service in AWS. | It is very much easier to track the donors information through this application. | Dynamo DB | AWS-CLOUD | The efficient way of finding plasma donor for the infected people is implemented using the plasma donor website that is hosted on AWS platform. |
| 2. | Nearest blood and plasma donor finding: A machine learni ng approach | The purpose is to build a platform with clustering algorithm which will jointly help to provide the quickest solution to find blood or | Agglomerative clustering | Machine Learning | A blood or plasma recipient can efficiently get donors using our system in any situation. |

| S.No | TITLE | PROPOSED WORK | TOOLS USED/ ALGORITHM | TECHNOLOGY | ADVANTAGES/ DISADVANTAGES |
|---|---|---|---|---|---|
| 3 | Instant plasma donor recipient connector web application | Plasma from a blood bank and the needy can request a blood bank and obtain plasma from the blood bank. | REACT JS /NODE JS | WEB APPLICATION | It cannot auto verify user genuineness. |
| 4 | Blood donation and life saver-Blood donation app. | This system comprises of admin and user where both can request for a plasma. | PHP/PYTHON | GPS | The misuse of details and wrong information provided to third party is replaced with a high security module |

| S.No | TITLE | PROPOSED WORK | TOOLS USED/ ALGORITHM | TECHNOLOGY | ADVANTAGES/ DISADVANTAGES |
|------|-------|---------------|-----------------------|------------|---------------------------|
| 5 | Enhanced mobile application development for plasma and blood bank. | Some people do not know what plasma donation is and where to donate plasma | Android Application | Web-cloud | This mobile application will attract more users as it is user friendly and greatly reduces scalability issues especially in case of blood donation |
| 6 | Plasma Donation Using MERN Stack | The system targets two types of users: the people who want to donate plasma and the people who need to | Nodejs/Mongo-DB | HTML /CSS | To help you to provide plasma donors easily depending upon availability of it. |

# THANK YOU