LITERATURE SURVEY

NANDHA ENGINEERING COLLEGE
(Autonomous)

DEPARTMENT:

    COMPUTER SCIENCE AND ENGINEERING

DOMAIN NAME:

    CLOUD APPLICATION DEVELOPMENT

PROJECT NAME:

    PLASMA DONOR APPLICATION

TEAM MEMBERS:

ROLE	NAME	REGISTER NO
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S.NO	Title	Techniques & Mechanisms	Parameter Analysis	Tools	Findings
1	Blood donor and requester mobile application 2017 sep18	Ruby on rails is an opensource web fragment that makes it possible that database web app.	Registered donors will get notification for the blood request.	Ruby programming language along with Java script & PostgreSQL for database.	Integrating this application with various network (API's).
2	Web Based Online Blood Donation System 2021 December 17	Python, MySQL database & waterfall Model	Donors can also donate blood easily by checking the list of blood donation camps	Windows 7, Django framework	We can find for the certain blood group donor.
3	Blood donor routine detector using k-nearest neighbours The second in conference on natural Resources and Life service 24 Aug 2019	By Microsoft Excel for data collecting by using waterfall model for process of the system	It provides the class status of the donor for the specific blood type	Unified Modifying Language (UML)modelling designed using OOPS concept.	It improves the accuracy of the calculations result on this system
4	E-blood Bank app for organising and order the blood donation Jan 2018	Using cloud computing which is developed as SMS mobile based blood management system.	Process the blood data and request electronically collecting blood through collection activity.	GPS for track location and Asterisk hardware for direct call routine.	This app is more organised and it is superfast.
5	Developing a plasma Donor application using function as a service in AWS	In an AWS function- as- a-services used and Amazon SNS and AWS elastic compute cloud.	Saving and notifying about the current donors, it helps the user to track down the necessary information about the donors.	Amazon Google IBM and Microsoft Azure Cloud Computing services has been used in this application.	Already filtered the active members Here user can be a given as well as borrower
6	Life saver E-blood donation application using cloud 2020 June	GPS facility to locate Donor	To find the blood Donor when required //search availability of blood in blood blanks //manage the blood donation camp.	Cloud computing	Internet connection is mandatory and reports are verified.

7	An Android application for volunteer blood donors-2019 May	Android software stack produced by Google and SQ Lite database	It determines the nearest one and send them the allows for blood donation.	Android studio using a n t and unto the great build automation platform	Wrong inputs will affect the project outputs. So it should be rectified.
8	Implementation of Blood Donation Application using Android Smartphone March - 2018	Clustering, Text Mining, Pattern Matching, Partitioning Algorithm	Blood Donation System is an android based system that is designed to store, process, retrieve and analyse information concerned with the administrative and inventory management within a blood bank	Support Vector Machine, Donor HART tool used in collecting donor reaction information	The sole purpose of this project is to develop a computer system that will link all donors, control a blood transfusion service and create a database to hold data on stocks of blood in each area.