IDEATION PHASE

PLASMA DONAR APPLICATION : LITERATURE SURVEY

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID43957 |
| Project Name | Project – Plasma Donor Application |
| Maximum Marks |  |

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| **S.No** | **AUTHOR** | **PAPER TITLE** | **YEAR** | **JOURNAL** | **FINDINGS** |
| 1 | Kalpana Devi Guntoju, Tejaswini Jalli, Sreeja Uppala, Sanjay Mallisetti | INSTANT PLASMA DONOR RECIPIENT CONNECTOR WEB APPLICATION | 2022 | International Research Journal of Modernization in Engineering Technology and Science | 1. Acts as an interface between the hospital and the donor. 2. Developed using HTML, CSS,PHP |
| 2 | Prof. Diksha Bhave, Shweta Badhe, Siddhi Jain, Aaditya Kasibhotla | BLOOD BANK MANAGEMENT SYSTEM | 2019 | Journal of Emerging Technologies and Innovative Research | 1. HTML, CSS, PHP, SQL |
| 3 | Ms. Pradnya Jagtap,Ms. Monika Mandale,Ms. Prachi Mhaske,Ms. Sonali Vidhate,Mr. S.  S. Patil | IMPLEMENTATION OF BLOOD DONATION APPLICATION USING ANDROID SMARTPHONE | 2018 | Open access international journal of science & engineering | 1. Android based system. 2. Methodology Used Clustering, Text Mining, Pattern Matching, Support Vector Machine, Partitioning Algorithm and DonorHART Tool |

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| 4 | Dr. S. Brindha, Ms. D. Priya, Mr. S. Ajith Kannan, Mr.D. Joyal Victor,Mr. R.Gunachandran | ENHANCED MOBILE APPLICATION DEVELOPMENT FOR PLASMA,  MOTHER’SMILKAND BLOOD BANKS | 2021 | International Research Journal of Engineering and Technology(IRJET) | 1. Enhance security 2. Information stored on the databases. 3. Uses the   Firebase, 000webhost.blogs (web Cloud) |
| 5 | Saurin Parikh,Preeti Kathiria,Yashesh Vaghela, Harit Shah, Darshan Dholakiya | A Geo-Location based Mobile Service that Dynamically  Locates and Notifies the nearest Blood Donors for Blood  Donation during Medical Emergencies | 2014 | International Journal of Computer Applications | 1. Geo-location. 2. Android based solution 3. SMS based Help Confirmation 4. GPS based tracking |
| 6 | M Sai Tarun, S Ravi kishan, Shaik Azaad Suraz Basha, Shaik Raj Ahammad, U Chandrasekhar, Neha Bagga | Blood Bank Management System | 2021 | Journal of Emerging Technologies and Innovative Research | 1. Front end is HTML, CSS, JavaScript Bootstrap, PHP. 2. For the back end, DBMS, MySQL is used. 3. SVM for data classification. |
| 7 | K M Akkas Ali, Israt Jahan, Md. Ariful Islam, Md. Shafa-at Parvez | Blood Donation Management System | 2015 | American Journal of Engineering Research | 1. Designed using ASP.Net 2. SQL Server 2008 as database 3. SMS facility to donors |

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| 8 | Nayan Das, MD Asif Iqbal | Nearest Blood & Plasma Donor Finding: A Machine Learning Approach | 2020 | 23rd International Conference on Computer and Information Technology | 1. Build a platform with clustering algorithms. 2. Hybrid approach of K-Means and Agglomerative clustering algorithm |
| 9 | Vamsi Krishna Tatikonda, Hosam El-Ocla | BLOODR: blood donor and requester mobile application | 2017 | Mhealth 3 | 1. Ruby programming language along with JavaScript and PostgreSQL for database are used. |
| 10 | Moh. Nabil, R. Ihab, H. El Masry, S. Said | A Web-based blood donation and Medical Monitoring System Integrating Cloud services and Mobile Application | 2020 | Journal of Physics Conference Series | 1. Java programming language using spring tool suite . 2. User interface is built using Sencha Ext JS java script framework. 3. Store application data on MySQL database which is hosted on Miles |