**LITERATURE SURVEY ON PLASMA DONOR APPLICATION**

**DOMAIN :** CLOUD APPLICATION DEVELOPMENT

**SPECIALIZATION :** EDUCATION

**PROJECT TITLE :** PLASMA DONOR APPLICATION

**ABOUT TEAM :**

**TEAM MENTOR :** Mrs. LAVANYA PRABHA

**TEAM LEADER :** M.SELCIA

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**ABOUT OUR PROJECT:**

The Plasma Donor Application project 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. We have referred many journal articles few of them are mentioned below with pros and cons. Our plan is to rectify an underneath cons and to give the efficient web phishing detection method.

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| **AUTHORS** | **TITLE** | **METHODOLOG**  **Y** | **PROS** | **CONS** | **INFERENCE** |
| Ripathis S, Kumar V, Prabhakar A, Joshi S, Agarwal A (2015) | Microscale Passive Plasma Separation | A Review of Design Principles and Microdevices | Plasma separation is of great importance in the fields of diagnosis and healthcare. | Lagging transition to microscale, these recent trends are a rapid shift towards shrinking complex macro processes. | Plasma separation in microdevices is one such process which has received extensive attention from researchers globally |
| Kalpana Devi Guntoju, Tejaswini Jalli, Sreeja Uppala, Sanjay Mallisetti | Instant plasma donor  Recipient connector web application | Donate through registering email | Fast accessbility | No provide data when there is lack of donor | Donor who wish to donate will provide their details ,then patient can Easley get plasma from this application |
| [Seda Baş Güre](https://www.researchgate.net/profile/Seda-Bas-Guere), [Giuliana Carello](https://www.researchgate.net/profile/Giuliana-Carello), [Ettore Lanzaron](https://www.researchgate.net/profile/Ettore-Lanzarone), [Zeynep Ocak](https://www.researchgate.net/profile/Zeynep-Ocak-2) | Management of Blood Donation System | Applying optimization methods to healthcare management and logistics | They can mainly classiﬁed based on the demand structure:  deterministic | Often uncertain and require accurate prediction | Speciﬁcally, facility location, staff  rostering, patient allocation, and medical supply transportation are the main development |
| [Sultan N. Turhan](https://www.researchgate.net/profile/Sultan-Turhan) | An Android Application for Volunteer Blood Donors | Donate the blood on a voluntary basis | Identification of the nearest available blood donor volunteer and the communication with him/her in the emergency situations | Need feed continuously | It provides an uninterrupted  communication between the health care centers and volunteer donors |
| [Arunkumar Chinnnaswamy](https://www.researchgate.net/profile/Arunkumar-Chinnnaswamy),  Gurusankar Gopalakrishnan, Kamal Kiran Pandala  Venkata, Shabala Natarajan | A study on automation of blood donor classification and notification techniques | An  intelligent Machine Learning algorithm with a fair accuracy and sophisticated  notification system. | A common and easy way to implement a notification system is via the use of  the Short Messaging Service (SMS) | Server busy when receive a lot of request | Achieve a  machine that would aptly satisfy the needs of blood donation services. |