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| **S NO** | **TITLE** | **Authors** | **Abstract** | **Drawbacks** |
| 1 | Database Management of Blood Bank & its Availability to  Users through Mobile Terminal | G. Kiran Sai1, Kapil Kumar Department of ECE, Lingaya’s  Vidyapeeth, Faridabad, Haryana (India) | This application timely updates info| the knowledge| the data} concerning the donors wherever the administrator accesses the full information regarding bank management system. Donor are going to be prompted to enter a human’s details, like name, telephone number, and blood type. Blood bank App provides list of blood banks in their space. solely a registered person, with disposition to gift blood, are going to be able to access the service. In this application they are using the GPS technology to trace the way to the blood bank. The user will get the route to reach the desired location and therefore time can be saved. | * Internet : It would require an internet connection for the working of the website. * Auto- Verification : It cannot automatically verify the genuine users. |
| 2 | Ways to keep your plasma healthy | Original Archived November 1, 2013, Accessed November 11, 2011. | Plasma donation is one of the most accepted practices for saving lives,While earning a few dollars. The whole process can take some time, but it's well worth it once you experience it a few times. Accepting money in exchange for plasma is welcome. It's a move when you feel like you're not just a hero, but you're adding value to yourself. The term "healthy" does not mean only in the absence of disease. It also means that you are healthy enough. | * Tedious work. * Expensive. * Requires more man power. * Time Consuming. |
| 3 | Developing a plasma donor application using  Function-as-a-service in AWS | Aishwarya R Gowri,  Jain University Department of MCA, computer science | A plasma is a liquid portion of the blood, over 55% of human blood is plasma. Plasma is used to treat various infectious diseases and it is one of the oldest methods known as plasma therapy. Plasma therapy is a process where blood is donated by recovered patients in order to establish antibodies that fights the infection.  In this project plasma donor application is being developed by using AWS services. The services used are AWS Lambda, API gateway, DynamoDB, AWS Elastic Compute Cloud with the help of these AWS services, it eliminates the need of configuring the servers and reduces the infrastructural costs associated with it and helps to achieve serverless computing. Situations like if the donor count is very low, it is very important to get the information about the plasma donors. Saving the donor information and notifying about the current donors would be a helping hand as it can save time and help the users to track down the necessary information about the donors. | * It cannot auto verify user genuineness. * It requires an active internet connection. |
| 4 | Plasma Donation App | Jenny Shersten | Motivation for further plasma collection from donors for recipients, as well as fast communication with  them. For both groups - always up-to-date information and the ability to follow statistics and data in the city and in the country | * Internet Connection is mandatory * Reports are not verified |
| 5 | Microscale Passive Plasma Separation: A Review of Design Principles and Microdevices | Ripathis S, Kumar V, Prabhakar A, Joshi S, Agarwal A | 1. Plasma separation is of great importance in the fields of diagnosis and healthcare. Due to the lagging transition to microscale, these recent trends are a rapid shift towards shrinking complex macro processes. | * Requires more man power. |
| 6 | The major contribution of Human Sciences in the understanding of the whole blood donation behavior has been through the study of individuals | Antoine Beural(2017) | Motivations and deterrents to donate. However, if whole blood donation has been very widely studied in the last sixty years, we still know very little about plasma donation in voluntary non-remunerated environments. Yet, the need for plasma-derived products has been strongly increasing for some years, and blood collection agencies have to adapt if they want to meet this demand. This article aims to review the main motivations and deterrents to whole blood donation, and to compare them with those that we already know concerning plasma donation. Current evidence shows similarities between both behaviors, but also differences that indicate a need for further research regarding plasma donation. | * It cannot auto verify user genuineness. * It requires an active internet connection. |