Software Engineering Laboratory

Project Proposal

Project Name: Blood donation management system (website)

Project Member:

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Introduction:

Blood donation is required during an organ transplant, accidents, Blood donation is required during an organ transplant, accidents, cancer treatment, etc. Manual communication with blood donors has difficulty for a lack of donor information. In the time of emergency, it becomes difficult to approach the right donor. Rare blood groups are not available all the time at all blood banks and recipients find difficulties to track the right blood donor. To overcome this problem, Our Projects has proposed a simple website. Our project has proposed a system that maintains the information of blood donors. This online blood donation management system maintains the list of blood donors and also helps the recipients to track and search for the right donor easily.

Software/Language Requirements:

- Windows 7 or higher
- Code editor
- Browser
- HTML
- CSS
- JavaScript
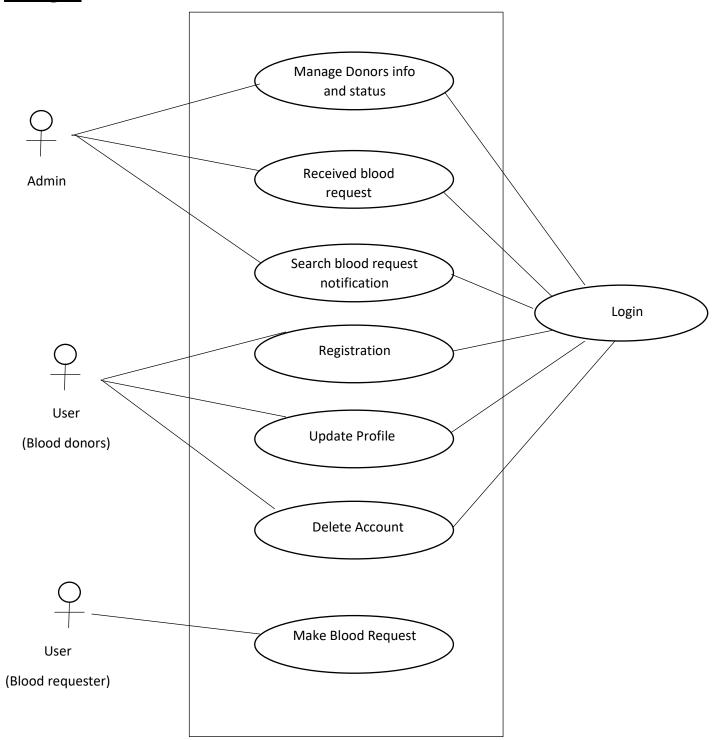- php
- MySQL /Mongo dB database

Design:

Fig: use case Diagram

It has two modules namely Admin and User. Admins can add view the list of donors of a particular area with proper Blood cross match. He/she can also check for blood requests and he/she can send notifications to blood donors as per the requirements. They can either accept or ignore it. Users can make a request. Users can also register as a donor.

Development:

Work plan:

- Font-end Development within August 10, 2022
- Back-end Development within September 10, 2022.

Conclusion:

The goal of our project is simply to help people who need emergency blood but cannot track the right blood donor. We hope we will complete our project successfully.