SRS

1 – Introduction

* 1. – Purpose

The main purpose of this software is to simplify the tedious task of borrowing Blood from the blood bank by providing this service online in a user-friendly environment. It also aims at increasing the efficiency and reducing the drawbacks of the existing manual Blood borrowing process, thus making it more convenient for the patients to borrow blood when required.

A friendly UI is also provided so that the searches made by the user give correct results by accessing the information stored in the database.

* 1. – Scope

This software allows the users to view the availability of various types of blood on different

dates and times. It gives them the facility to Request different types of blood,

Donate blood, and modify or cancel a particular order if required.

* 1. – Definitions

UI – User Interface

BRS – Blood Reservation System

* 1. – Overview

Online Blood reservation system is aimed at reserving blood for patients who are in urgent need. Any such system that is operated manually consists of Blood bank employee(s) and customers who interact face to face to take the required blood. A major drawback of manual Blood banks is the need for the physical presence of the user at the requesting window. It also requires the employee sitting at the reservation counter to be fast enough to deal with a large number of customers, or the company will have to hire more employees for this purpose.

Due to the presence of these drawbacks, there is a need for BRS. This software interacts with the user to get the details of the required blood type. These details include the type of blood and total unit of blood required and the delivery address. After accepting these details, the software displays the confirmation of the user's order. It allows people to use this service at any time, also eliminating the need to travel to a Blood bank.

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