**Connecting\_Blood**

**Business Requirement Specification**

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# 1. Introduction

# Document Purpose

This document communicates the business requirements and scope for developing **System of connecting blood donors and acceptors**. The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

# Project Background

When there is a need to find any specific blood type, people either go for online search to check availability of required type and quantity of blood in nearby blood banks or try to find donors via connecting people through their social networks.

But in case of emergencies it is very time consuming and in case of online search, most of the time the information related to blood banks is incomplete. So, to make the searching most effective and easy, we are providing an online platform as a solution.

And also we are helping NGOs and any kind of personal organizations to arrange blood donation camps as per their requirements by providing additional feature of ‘Organize Blood Camp’.

# Goals of the project

* To enable effective blood reserve’s searching
* Organizing blood donation camps

# Customers and Stakeholders

Customers:

* + Receivers who are in need of blood
  + Hospitals
  + Organizations who want to arrange blood donation camps

Stakeholders

* + Blood Bank
  + Administrator

# 2. Business Requirements Overview

* E-Farming System is the public web application.
* E-Farming System will be opened to the global, but in the phase 1, the main target is in the India.
* There are mainly two types of user. One is the wholesaler and other is Farmer.
* Farmers can search for the market values of related agro products
* Wholesaler can search for the products available in the market and even the information about the farmer
* E-Farming System provides the functions which connect the farmers and the wholesaler efficiently.
* E-Farming System could be maintained by Administrator.

# 3. Functional Requirements Overview

Connecting\_Blood portal consists of four modules described as below.

1. Receiver Module
2. Hospital Module
3. Administrator Module
4. Blood bank Module
5. NGO Module

# 3.1 Receiver Module

* Receiver (individual person) can search for the required blood type and quantity based on following criteria-

1. Based on location of blood banks
2. Based on type of blood
3. Based on type of blood component

* Receiver is able to see the Stocks/Reserves availability of blood .
* After searching, receiver can contact the blood bank.

# 3.2 Hospital Module

* Hospitals can register and create their own account.
* Connecting\_blood portal allows hospitals to search for the blood banks to fulfill their requirements of blood.
* After searching, Hospitals can contact the blood bank

# 3.3 Admin Module

* Connecting\_blood portal should provide all function to admin how to handle the System.
* How hospitals and blood banks are using this portal and are they authorized?
* To Keep updating the information about camps that are being organized currently.

# 3.4 Blood Bank Module

* Connecting\_blood portal allows blood banks to register and create their account.
* Blood banks will also have the access to maintain their portal by maintaining or updating the information like blood stocks,..
* To fulfill user’s or hospitals requirements.

# 3.5 NGO Module

* NGO’s can register information about Camps that will be organized by filling a detailed form.
* NGO’s can choose blood banks location wise to tie up with them.

# 4. Non-functional Requirements

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence we will target the system to support between 5 and 10 million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.