

# 15CSE376 - NET CENTRIC PROGRAMMING

## Group 18 - Software Requirement Specification

### 1. Project Summary

#### 1.1 Project Overview

A Web Application can help many people to donate blood those who are in need. So they will have a pure registration, with necessary details and those who are in need of blood will log in and check for the donors' list based on their locality and contact facility will be given such that both will be in contact and also they shall do the process necessary for blood donation.

#### 1.2 Project Scope

In India, due to many accidents in many situations and in different locations. According to the EMRI Survey, in a two day Conference, it stated that **“40% road accident victims in 2018 died due to excessive loss and due to very less source of contact for donating the blood”**. So Actually the scope is that, In a very short span, it provides users with many facilities. The main purpose of the project is to interconnect donors into a single network with receptors. So the proposed project could ensure that the necessity of blood and blood donation by saving the World.

#### 1.3 Development Process

- Register & Log-in Portal
- Blood Donation System
- Donor History after successful login
- Both Donor and Receptor pure validated registration
- Donors available based on the Receptor Locality
- Easy UI
- Backend without any issue in Domain Specifications
- Login and Logout Creation

## 2. Requirements Specification

### 2.1 Functional Requirements

- HTML, JavaScript, BootStrap (Main Focus on these.)
- Registration
- Login and Logout Portal
- Blood Donation Management
- Donors History
- Donors List based on their Locality
- Pure Backend Establishment using Javascript

### 2.2 Non-Functional Requirements

- Reliability
- Usability
- Maintainability

## 3. Team Organization

<b>Project Guide</b>	<b>Ms. Anjali T</b>
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