**OVERVIEW OF THEPROJECT**

This project acts as an important role in saving life of human beings and which is also its main aim. The project Android Blood Bank system is developed so that users can view the information about registered blood donors such as name, address, and other such personal information along with their details of blood group and other medical information of donor. The project also has a login page where in the user is required to register and only then can view the availability of blood and may also register to donate blood if he/she wishes to. Thus, this application helps to select the right donor instantly using medical details along with the blood group. The main aim of developing this application is to reduce the time to a great extent that is spent in searching for the right donor and the availability of blood required. Thus, this application provides the required information in no time and also helps in quicker decision making.

**MODULEDESCRIPTION**

The main module in this project are listed below

* + - **Donor Registration**
    - **Find donors**
    - **Find nearby donors**
    - **Blood Request**
    - **Manage donor’s request**

**1.Donor Registration**

This module will be helps to handle for collecting the donor’s details, which is manually collect the donor’s details from the donors. The donors give their details like mobile number, email id, address details and current address etc. which is may be used to contact the donors at the emergency time.

**2. Find donors**

This module is a main module of this project, it could be finding the donors by as a blood group wise. When the user needs a blood, they just give a blood group name it will automatically find and give people list who are all having a same blood.

**3.Find nearby donors**

Basically, this module helps to collect the real time user location from the donors. When the emergency people need a blood from the nearby donors, it may give an accurate nearby donor.

**4.Blood Request:**

This module handles the request and response for the all the blood request, this can manage the relationship between blood donors.

**5.Manage donor’s request**

This module having lot of concept, it will be managing a sender and receiver donors communicate request. A sender sends a request to the donors a receiver can accept or reject the request. This is a basic concept of this module.