**Deployment Manual**

**Software Requirements**

Operating System: Windows 8+.

Database: MySQL.

IDE: Eclipse

Server: Apache Tomcat Server 8.5.

**Hardware Requirements**  
Processor: i3/i5 Processor.  
RAM:4/ 8GB.  
ROM: 250GB.

**Procedures**

**Step 1**: Download the project from Github by using the below link.

**Step 2**: Open MySQL Command Line Client and create a new database using the below command.

* **create database bloodbank;**
* **use bloodbank;**

**Step 3**: Type the below command.

* **source Query.sql**
* **(Eg: source C:\Users\Dell\Downloads\Query.sql)**

**Step 4**: Extract the zip file and open it in Eclipse IDE. (File -> Open Project from File System -> import your file).

**Step 5**: Check whether your project is Dynamic.

Change your Runtime Environment to ApacheTomcat8.5

**Step 6**: Change your database id and password according to your credential in the connection provider.

**Step 7**: Run the project on Server and paste the url in the browser.

**Step 8**: Open the admin login and give the user name and password to proceed.

* **Admin credentials:**
* **User name: admin**
* **Password: admin**

**Step 9**: Admin can select any options like:

* Home- Returns to the home page.
* Add new donor- Adding the details of new donor.
* Update, Delete & List of Donor Details- Editing and view the details of a donor.
* Search By Blood Group- Searching the donor details for a particular blood group.