



## Installation guide for Blood Bank Management System

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## **Introduction**

A place where blood is collected from donors, typed, separated into components, stored, and prepared for transfusion to recipients. ... Separation of blood: Typically, each donated unit of blood (whole blood) is separated into multiple components, such as red blood cells, plasma and platelets.

It's a very simple project but has an importance of every human life. Because no creature is made without blood. So human are not opposite of this rule.

That's why I think this project will be helpful for every human life.

Blood Bank Management System is a project which will help all kinds of people around us. Actually this project is made for Public Interest.

In our country it is very difficult for anyone to manage blood in a short time. For this people the project will contain information as soon as possible.

The main aim of developing this system is to provide blood to the people who are in need of blood. The number of persons who are in need of blood are increasing in large number day by day.

Using this system user can search blood group available in the city and he can also get contact number of the donor who has the same blood group needs.

To establish an online integrated blood banks database and information system which will be designed to facilitate the requirements of the customers in Quetta city with the collaboration of various blood bank. As well as developing an online platform for the donors to make their donations to be utilized efficiently.

## **Installation Process**

This chapter describes how to install the Blood Bank Management System (BBMS) on mobile phone and computer/laptop. It contains the following topics:

- Requirements for Installing the BBMS on Windows
- Requirements for Installing the BBMS on android
- Requirements for Installing the BBMS on UNIX
- Setting Up the Oracle Database

### **Requirements for Installing the BBMS on Windows**

The installation prerequisites for installing on Windows are as follows:

- The target machine must be clean, that is, not running any other WebLogic applications, including any previous version of the BBMS.
- BEA WebLogic 8.1.0 must be installed and configured. This guide assumes that the WebLogic root directory is: D:\bea\weblogic81.
- Oracle must be installed and configured. This guide assumes that Oracle is installed at: D:\oracle.

- The Java utilities java, javac, and jar must be available at the command line.
- This guide assumes the CD-ROM drive is attached to drive: E:\.

## **Requirements for Installing the BBMS on Android**

Android supports a variety of features your app can leverage through platform APIs. Some features are hardware-based (such as a compass sensor), some are software-based (such as app widgets), and some are dependent on the platform version. Not every device supports every feature, so you may need to control your app's availability to devices based on your app's required features.

To achieve the largest user-base possible for your app, you should strive to support as many device configurations as possible using a single APK. In most situations, you can do so by disabling optional features at runtime and providing app resources with alternatives for different configurations (such as different layouts for different screen sizes). If necessary, however, you can restrict your app's availability to devices through Google Play Store based on the following device characteristics:

- Device features
- Platform version
- Screen configuration

## **Requirements for Installing the Banking Application on UNIX**

The installation prerequisites for installing on UNIX are as follows:

- The target machine must be clean, that is, not running any other WebLogic applications, including any previous version of the BBMS.
- BEA WebLogic 8.1.0 must be installed and configured. This guide assumes that the WebLogic root directory is: /bea/weblogic81.
- Oracle must be installed and configured. \$ORACLE\_HOME must be configured to the Oracle installation location.
- The Java utilities java, javac, and jar must be available at the command line.

## **Setting Up the Oracle Database**

- The Oracle command line utilities must be available at the command line.
- You must create an Oracle database and make a note of the name you give it.
- You must create an Oracle user for the database. Make a note of the user ID and password.
- You must create an entry for the database in the tnsnames.ora file for the server on which the application is to be deployed.