Blood Bank Management System

Design a system for the hospital's blood bank to publicize nationwide information about the blood donation events to the public. To allow the public and organization to make online reservation on the day and session that they want or free to make blood donation. To provide an efficient donor and blood stock management functions to the blood bank by providing the logging functions in order to control and trace the workflow. To provide authentic and authorized features to the current system where private and confidential data can only be viewed by authorized user. To provide the recording functions for every process of the blood in order to keep track of the blood stock accurately. To provide backup and recovery and data integrity features to the database. To improve the efficiency of blood stock management by alerting the blood bank administrator when the blood quantity is below its par level. To provide synchronized and centralized donor and blood stock database to the blood bank.

Draw

1. Use Case
2. Activity diagram
3.Class Diagram
4.Sequence diagram