



BLOOD BANK MANAGEMENT SYSTEM

Fully dressed use case + diagram

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Software design and architecture

Fully Dressed Use Case

Section	Content
Designation	RV_01_21
Name	Blood bank Management System
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Priority	Important for Blood Bank Management System success: High Technology risk: high
Criticality	High
Responsible	Atika
Description	The Admin enters the donor or requester ID. The Blood Bank Management System outputs the blood information and blood status.
Trigger event	The Donor wants to donate or the requester wants to request the blood.
Actors	Admin, Donor, Requester, blood bank
Preconditions	The blood bank management Blood Bank Management System is activated.
post conditions	The donor donates the blood, the requester receives the required blood
Result	The donor donates the blood, the requester receives the required blood
Main scenario	<ol style="list-style-type: none">1. The donor arrives to donate the blood.2. Donors sign up or sign in to the Blood Bank Management System.3. Donor view medical detail4. Donor update personal profile5. Donors donate blood and view donation detail6. Admin Update the donation detail7. The requester arrived to get the blood.8. The requester logs in or logout to the Blood Bank Management System.9. The requester request for the blood10. Admin receives the request and searches for the blood.11. The requester receives the blood with the blood availability report.
Alternative scenarios	<ol style="list-style-type: none">1. If the donor needs the blood the Blood Bank Management System first fills its needs2. The donor does not need another account if he /she needs blood.
Exception scenarios	<ol style="list-style-type: none">1. Two requesters request the same blood at the same time.

2. A large quantity of blood is required which is not available at that time.
3. The requester cancel the request after receiving it.

Qualities

1. The Blood Bank Management System takes the record of blood donors or requester.

Use case diagram of Blood Bank Management System

