

# Central Blood Bank Management System

- **Functional Requirements:**

1. **Register** the Donor by his personal information.
2. **Manage the donation process** and adding the donation to the stock with the required information in case it accepted.
3. Send emails to inform the donor if his donation is rejected or accepted.
4. Receive all requests from hospitals, the system at least can handle 10 requests.
5. **Manage the hospitals requests** according to the required attributes and withdraw the required blood quantity from the stock if the request is available.
6. The system aims to deliver the blood requests with higher priorities and shorter distance first.

- **Non-Functional Requirements:**

1. High performance
2. Usability
3. Maintainability
4. Serviceability
5. Availability