**Project Proposal**

**Idea:**

Blood bank management system.

**Components:**

The project will have 3 main components: donation of blood, donation report, request for blood.

**Details:**

* Donors can be of any gender but must be above 18 and should have a specific Hemoglobin level.
* Their bloods will be first screened and then stored.
* Blood will have a blood group.
* Donations can only be made during the working days i.e. Monday to Friday however the requests for blood can be made any day and any time of the week.
* Requests for blood can only be made by hospitals.
* Donors are given a blood report once their donation is processed. This might take 2-4 weeks.
* Request for blood should be specific to a certain blood group.

Following are the examples of the reports which will be shown for donors. During the final implementation inspiration will be taken from these: 