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Database Topic: Blood Availability Management System

Mission Statement: The purpose of this project is to develop a centralized blood donation system for the city of Boston. It will be used by all the hospitals, blood banks and people who register for blood donation to facilitate functionalities like blood donating, checking blood availability, and analysis of blood requirements in hospitals.

Mission Objectives:

- To maintain data (enter, update, and delete) on donors.
- To maintain data (enter, update, and delete) on patients.
- To maintain data (enter, update, and delete) on hospitals.
- To maintain data (enter, update, and delete) on blood banks.
- To maintain data (enter, update, and delete) on hospital_emp.
- To maintain data (enter, update, and delete) on bank_emp.

- To perform a search on required blood groups.
- To perform a search on available donors.
- To perform a search on donation frequency.
- To perform a search on donation eligibility.
- To perform a search on patient's medical history.

- To track the expiry dates of blood samples.
- To track the donor's health records.
- To track the date of the donor's last donation.
- To track the patient's health records.
- To track availability of blood.
- To track distribution of blood.

- To report on availability of blood.
- To report on patient.

- To report on donor.
- To report on hospitals.
- To report on blood banks.