DBMS PROBLEM STATEMENT

SY IT - BATCH B

GROUP 1 :
DIVY PATEL (171080056)
RITWIK JOG (171080046)
ATHARVA VEER (171080044)

HOSPITAL DATABASE SYSTEM

Through this project, we envision to formulate a crowd-sourced database system of Hospitals. This database system will tend to solve problems related to inefficient maintenance of medical resources, such as medicines, blood reserves and medical reports.

The hospitals will upload their day-to-day accumulated data to the database, like Medical reports (with anonymity) of the patients which were diagnosed at a particular hospital. This data will also help to track-down various outbreaks at specific locations over the globe. This alerts nearby hospitals to get ready for upcoming consequences. Hospitals can also upload daily consumption of drugs and antibiotics, which helps to maintain sufficient stocks for future. We will use GIS services to pinpoint locations of hospitals and outbreak of diseases. Blood bank data will also be available on demand, as hospitals will be able to upload their reserves to the database. This will help patients in getting immediate blood transfusion in case of emergencies. Real-Time Organ donation services will also benefit, as hospitals will be able to upload available donors, which will help patients who require those organs. Universities and Researchers can use this data to benefit healthcare services.