Blood Bank Management System

Project Overview

A secure and efficient system to manage blood donors, blood unit inventory, and recipient transfusions.

Database Design

Tables include Donors, BloodUnits, Recipients, and Transfusions with appropriate primary and foreign key constraints.

SQL Features Used

Data integrity constraints, triggers for expiry management, indexing for quick lookups, complex joins for reporting.

Future Scope

Integration with notification systems, mobile apps for donors, real-time blood request monitoring.