

INFO 6210: Data Management and Database Design

Database Topic: Blood Donation Management System

PROJECT TEAM 17

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Improvements on Initial ERD as per given Feedback:

- **Feedback 1** – Non-overlapping lines will make an ERD more readable. Please try not to overlap the relationship lines.

Overlapping lines connecting relationships between different entities in the Entity Relationship Diagram have been fixed. In case one entity is connected to multiple entities, additional relationships have been terminated at table edges instead of keys as per TA's suggestion.

- **Feedback 2** – The one-to-one relationship between Hospital and Transfusion Records should be changed to one-to-many, with many on transfusion Records. A hospital has many transfusion records.

We have fixed the relationship between Hospital and Transfusion Records to one-to-many cardinality depicting that one hospital can have multiple transfusion records.

Additional updates:

- We have removed the attribute named **TestResults** from **Sample Screening** Entity as it was redundant to TransferEligibility which can be obtained based on values of Coagulation and Haemoglobin Attributes