

ICS 321 Project

Group: 32

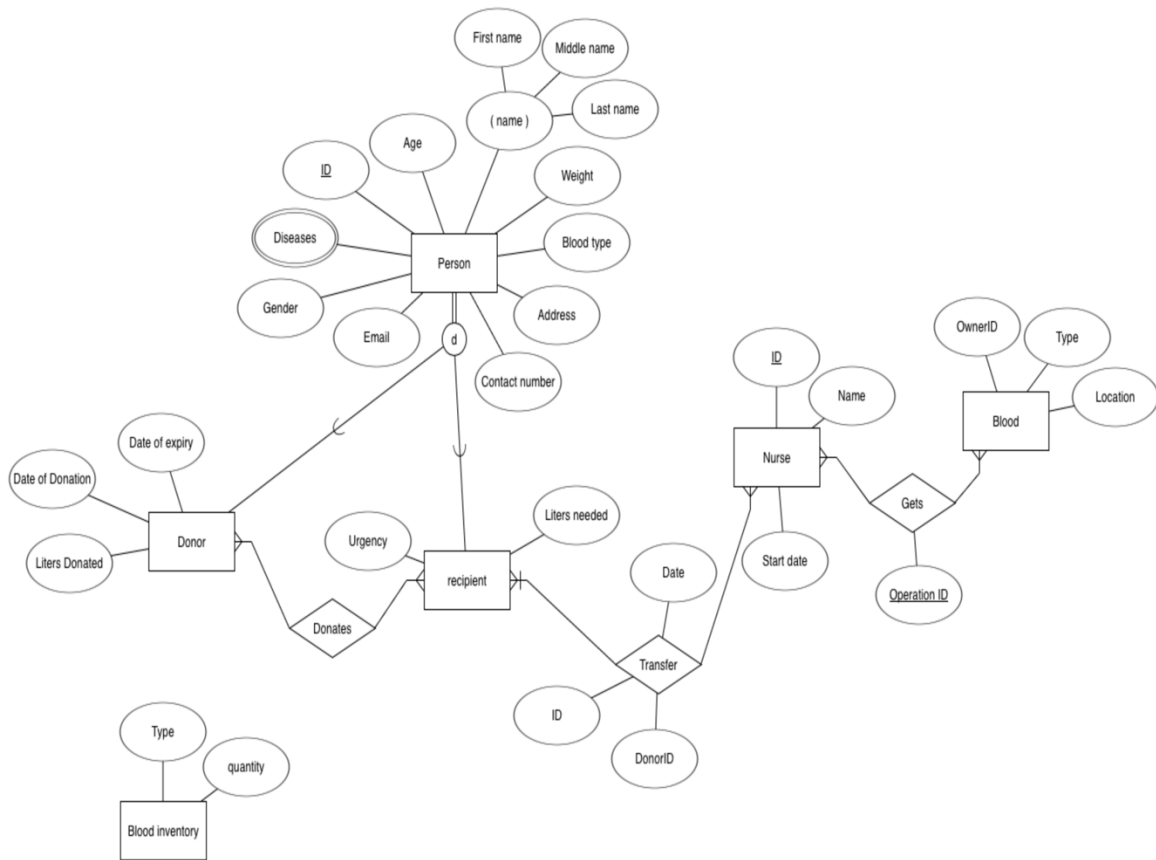
November 1st 2023

Members:

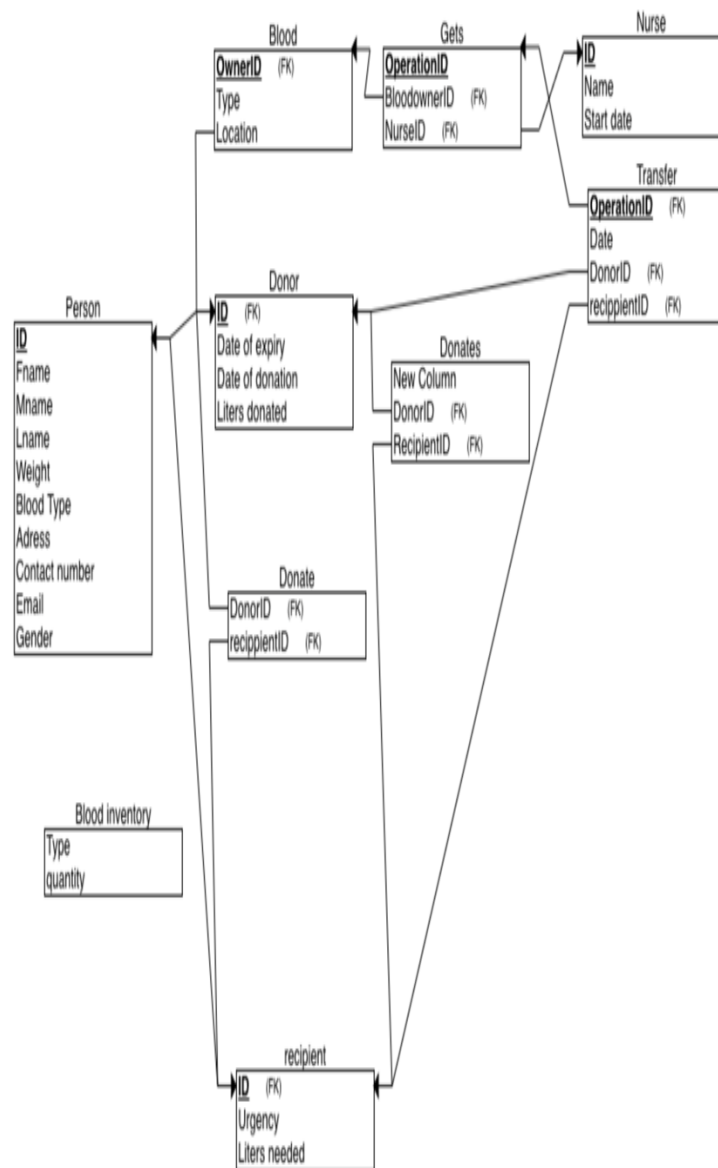
- 1- Mohammed Aljoudi – 202041460
- 2- Mohammed Alothman – 202019600
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Group Representative : Mohammed Aljoudi

conceptual diagram (EER Model):



logical diagram (Relational Schema):



Assumptions:

- Nurses cannot donate blood.
- Donors can donate to many recipients.
- Recipients can receive from one donor only.
- Nurse can do multiple blood transfer operations.

semantic requirements:

- Should be at least 17 years old.
- Weigh at least 114 lbs.
- Be free of major diseases.
- Last donation must be more than 3 months.
- Blood types should be relative.

Contribution:

Mohammed aljoudi: logical diagram, EER diagram, Constrains, Semantic requirements.

Mohammed alothman: Assumption, logical diagram.

Bader Alshalawi:

Semantic requirements, logical diagram.