



Assumptions

Each blood donation drive involves multiple donors, but not every donor participates in every drive.

Recipients benefit from blood donation drives, but not every recipient receives blood from every drive.

Patient profiles are created for recipients to manage their medical history and blood type.

Constraints (Business Rules):

Donors must participate in at least one blood donation drive to donate blood.

Every blood donation drive must have associated inventory records to manage the blood supply.

Recipients must benefit from at least one blood donation drive to receive blood.

PatientProfile is a weak entity because it lacks a unique identifier and relies on its association with the Recipient entity for identification.