

Relational model: Blood donation system

Saving blood (CID, CEO, branch)

FK: (branch) \subseteq Branch (branch number)

Person (pass, phone, name)

Donor (pass, med. card)

FK: (pass) \subseteq Person(pass)

Invite (donor med. card, invited donor med. card)

Donor (med. card)

Invited donor (med. card)

Invitation (donor, invited donor)

FK: (donor, med. card) \subseteq Donor (pass, med. card)

FK: (invited donor, med. card) \subseteq Donor (pass, med. card)

Doctor (pass, worker id)

FK: (pass) \subseteq Person(pass)

Branch (branch number, bank, hospital, city, street, zip, bank capacity, bank used place, hospital name)

Transfer (branch, amount):

FK: (branch) \subseteq Branch (branch number)

Workplace (doctor, branch):

FK: (branch) \subseteq Branch (branch number)

FK: (doctor) \subseteq Doctor (worker id)

Blood (blood id, doctor, donor, branch, day, month, year, Rh, group)

FK: (doctor) \subseteq Doctor (worker id)

FK: (donor) \subseteq Donor (med. card)

FK: (branch) \subseteq Branch (branch number)

Blood donation (donor, doctor, blood id)

FK: (doctor) \subseteq Doctor (worker id)

FK: (donor) \subseteq Donor (med. card)

FK: (blood id) \subseteq Blood (blood id)

