

# Relation Schema

**Donor**(d\_id, blood\_group, d\_name, d\_phone\_no, d\_email, d\_DOB, d\_sex, d\_pincode)

FK: d\_pincode references into City

**Blood Bank Branch**(b\_id, b\_name, locality, br\_phone\_no, br\_email, mgr\_id, br\_pin)

FK: mgr\_id references into Employee

FK: br\_pin references into City

**Blood Stock**(blood\_group, qty, bstock\_id, br\_id)

FK: b\_id references into Blood Bank Branch

**employee**(e\_id, e\_name, Address, e\_ph\_no, e\_email, e\_salary, br\_id, e\_sex)

FK: br\_id references into Blood Bank Branch

**Hospital**(h\_id, h\_name, h\_locality, h\_phone\_no, h\_email, h\_city\_id)

FK: h\_city\_id references into City

**Requests**(req\_id, b\_id, h\_id, h\_req\_date, req\_bgroup, h\_req\_qty, amt\_paid)

FK: b\_id references into Blood Bank Branch

FK: h\_id references into Hospital

**Blood\_Donation**( donation\_id, br\_id, d\_id, qty\_donated, e\_id  
donation\_date)

FK: e\_id references into Employee

FK: br\_id references into Blood Bank Branch

FK: d\_id references into Donor

**Patient**( p\_id, p\_pincode, p\_name, qty\_required, blood\_gp, h\_id,  
reqmnt\_date, p\_phone\_no, p\_email, p\_DOB, p\_sex)

FK: h\_id references into Hospital

FK: p\_pincode references into City

**City**( pincode, cityname)