User relation -

"For every FD A -> B that holds on relation R, A is its key." is in BCNF form.

FDs :

For the table **Donor-**

{d_id} -> {blood_group, d_name, d_phone_no, d_email, d_DOB, d_sex, d_pincode}

Key : {d_id}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

---

For the table **Blood Bank Branch-**

{bid} -> {b_name, locality, br_phone_no, br_email, mgr_id, br_pin}

Key : {bid}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

---

For the table **employee-**

{e_id} -> {e_name, Address, e_ph_no, e_email, e_salary, br_id, e_sex}

Key : {e_id}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

---

For the table **Hospital-**

{h_id} -> {h_name, h_locality, h_phone_no, h_email, h_city_id}

Key : {h_id}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

---

For the table **Requests**

{req_id} -> {b_id,h_id, h_req_date, req_bgroup, h_req_qty, amt_paid}

Key : {req_id}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

For the table **Blood_Donation-**

{donation_id} -> *{*br_id, d_id, qty_donated, e_id donation_date*}*

Key : {*donation_id*}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

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For the table **Patient**

{p_id} -> *{*p_pincode, p_name, qty_required, blood_gp, h_id, reqmnt_date, p_phone_no, p_email, p_DOB, p_sex*}*

Key : {**p_id**}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

---

For the table **City**

{pincode} -> *{*cityname*}*

Key : {**pincode**}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form

---

For the table **Blood Stock**

*{***bstock_id, br_id***}* -> *{*blood_group**,** qty*}*

Key : {**bstock_id, br_id**}

All FDs confirms to BCNF requirement, therefore relation is in BCNF form