

Normalization

1NF:

State:Satisfies

Person:Satisfies

Supply:Satisfies

Inventory:Satisfies

Visitor:Satisfies

Info:Satisfies

Police:Satisfies

Hospital:Satisfies

Login_Id:Satisfies

Sb_bank:Satisfies

All the tables are in 1NF, since there are no multivalued attributes present in the tables.

2NF:

State:Satisfies

Person:Satisfies

Supply:Satisfies

Inventory:Satisfies

Visitor:Satisfies

Info:Satisfies

Police:Satisfies

Hospital:Satisfies

Login_Id:Satisfies

Sb_bank:Satisfies

All the tables are in 2NF, since there are no partial functional dependencies in the tables.

3NF:

State:Satisfies

Person:Satisfies

Supply:SatisfiesInventory:Satisfies

Visitor:Satisfies

Info:Satisfies

All the tables are in 3NF since there are no transitive dependencies($X \rightarrow Y$ and $Y \rightarrow Z$, So $X \rightarrow Z$) in them.

All the tables are in BCNF since for a functional dependency $X \rightarrow Y$, X is the super key of R and Y is a subset of X .

[illegible]