CHAPTER 4

NORMALISATION

REGISTRATION

Admin_Mobile	FName	LName	Email	SecurityQ	SecurityA	Password

1NF: The relations are in 1NF since there are no multivalued attributes or nested relations.

ROOM

C_Phno	Check_in	Check_out	Room_Type	R_Available	Meals	No_of_Days

1NF: The relations are in 1NF since there are no multivalued attributes or nested relations.

DETAILS

Room_No	Floor_No	Room_type

1NF: The relations are in 1NF since there are no multivalued attributes or nested relations.

CUSTOMER

C_Mobile	C_Ref	CName	FName	Gender	C_Email	Nationality	C_IdType	C_IdProof	Address

1NF: The relations contains multivalued attributes, hence it is not in 1NF.

To normalize it, we create two tables.

CUSTOMER

C_Mobile	C_Ref	CName	FName	Gender	C_Email	Nationality	C_IdType	C_IdProof	Address

CUSTOMER_ADDRESS

C_Mobile	State	Pincode

Now, the relation is in 1NF.

STAFF

StaffID	S_Mobile	SName	Doj	Gender	C_Email	Occupation	C_IdType	C_IdProof	Address

1NF: The relations contains multivalued attributes, hence it is not in 1NF.

To normalise it we create two tables.

STAFF

StaffID	S_Mobile	SName	Doj	Gender	C_Email	Occupation	C_IdType	C_IdProof	Address

STAFF_ADDRESS

StaffID	State	Pincode

Now, the relation is in 1NF.