## **USERS**

* Admin : can view, add and update records in all the tables
* Customer : can view and insert data into reservation and feedback table

**FUNCTIONALITIES**

* Room Reservation
* Displays no. of rooms available for reservation
* Store employee details
* Stores customer details
* Calculates bill
* Generates invoice

## **ENTITIES**

* Family
* Customer
* Room
* Reservation
* Employee
* Feedback
* Bill

## **ATTRIBUTES**

* Family
* Aadhar
* Fname
* Lname
* Age
* Customer
* CID
* Aadhar
* Fname
* Lname
* Email
* Phone
* Address
* DOB
* Room
* RNO
* RType
* Beds
* Fare
* Status
* Reservation
* RID
* Checkin
* Checkout
* NoOfDays
* Service
* Employee
* EID
* Fname
* Lname
* Mobile
* Sal
* Address
* DOB
* J\_dt
* Feedback
* FNO
* Rating
* Comment
* Bill
* BNO
* Amount
* Cardno

## **RELATIONSHIPS**

* Customer **makes** Reservation
* One reservation is associated with one customer
* One customer can make only one reservation

Customer <---------------makes --------------->Reservation

* Each reservation must have one associated customer =>Reservation has total participation
* Each customer has made a reservation => Customer has total participation
* Customer **has** Family
* One customer can have many family members
* One family member is associated with only one customer

Customer <---------------has ---------------Family

* Each customer might not have a family member =>Customer has partial participation
* Each family member must have a associated customer =>Family has total participation
* Reservation **includes** Room
* One room can be used in one reservation
* One reservation can include one room

Reservation <---------------includes --------------->Room

* Each reservation must include a room =>Reservation has total participation
* Every room might not be assigned to the reservations => Room has partial participation
* Reservation **includes** Bill
* One reservation can issue only one bill
* One bill can be issued over only one reservation

Reservation <---------------includes --------------->Bill

* Each reservation should have a bill =>Reservation has total participation
* Each bill must be associated with a reservation =>Bill has total participation
* Reservation **has** Feedback
* One reservation can give only one feedback
* One feedback entry is associated with only one reservation

Reservation <---------------has --------------->Feedback

* Each feedback must have a reservation associated =>Feedback has total participation
* Every reservation might not have given a feedback =>Reservation has partial participation
* Employee **confirms** Reservation
* One reservation is confirmed by one employee
* One employee can confirm many reservations

Employee <---------------confirms ---------------Reservation

* Each reservation must be confirmed by any employee =>Reservation has total participation
* Each employee may not be confirming reservation=>Employee has partial participation
* Employee **housekeeps** Room
* One employee housekeeps many rooms
* One room is housekeeped by one employee

Employee<--------------housekeeps---------------Room

* Each room is housekeeped by an employee=>Room has total participation
* Each employee might not be housekeeping =>Employee has partial participation