**System Module and User Interface**

1. **Dormitory Management System Dashboard Module**

Module Description: This module displays the number of rooms, number of room type and number of customers.

Table Fields and Entities: No. of Rooms, No. of Room Types, No. of Customer.

1. **Dormitory Management System Room Type Module**

Module Description: This module allows the user to add/edit type of room.

Table Fields and Entities: roomtypeid, roomtypename

1. **Dormitory Management System Room Management Module**

Module Description: This module allows the user to add and manage the available rooms and other details such as room number, room name, room description, no. of beds, images, rate per night, room type.

Table Fields and Entities: roomid, roomnumber, roomname, description, numberofbeds, images, ratepernight, roomtypeid

1. **Dormitory Management System Customer Management Module**

Module Description: This module allows the user to encode customers and their corresponding details.

Table Fields and Entities: customerid, customername, contact, address, age, email, username, password

1. **Dormitory Management System Guardian Management Module**

Module Description: In this module, the user can add/edit the guardians of their customers.

Table Fields and Entities: guardianid, guardianname, contact, address, customerid

1. **Dormitory Management System Booking Management Module**

Module Description: The user can add/edit booking by providing the details needed such as room, customer name, started date, end date, total amount, status, and the user that booked the room.

Table Fields and Entities: bookingid, roomid, customerid, starteddate, enddate, totalamount, status, userid

1. **Dormitory Management System Payment Management Module**

Module Description: in this module the user can easily place a payment by providing the payment amount, start and end date, and the discount.

Table Fields and Entities: paymentid, bookingid, datefrom, dateto, paymentamount, discount, userid

1. **Dormitory Management System User Management Module**

Module Description: This module allows the administrator to manage the users of the system. The admin can add/edit users by providing user name, password, contact name, contact number, and account type.

Table Fields and Entities: userid, username, password, contactname, contact, accounttype

1. **Dormitory Management System Income Report Module**

Module Description: this module displays the income report of each month and presented in graphical bar chart.