SYNOPSIS

TITLE

TREE HOUSE RESORT

INTRODUCTION

A resort booking system is a software application that allows customers to book their rooms and other facility online. Users can check the availability of rooms and other facilities. This system typically stores information about the available rooms ,rates and amenities ,as well as customer details such as name, address and payment information. The system also manages the booking process by ensuring that the rooms are available for the selected dates and calculating the total price for the reservation. The user can register and log into the system. The administrator will know the details of reservations and daily income.Admin will also manage all the things for the resort.

OBJECTIVES

The main purpose of this project is to make the complete process online where the customer can directly book their reservation through this application. Providing customer satisfaction is the objective of our system.To achieve consistency in business and setting up the environment in such a way that if there are any changes,it can be easily done . This web application is user friendly and easy to use.
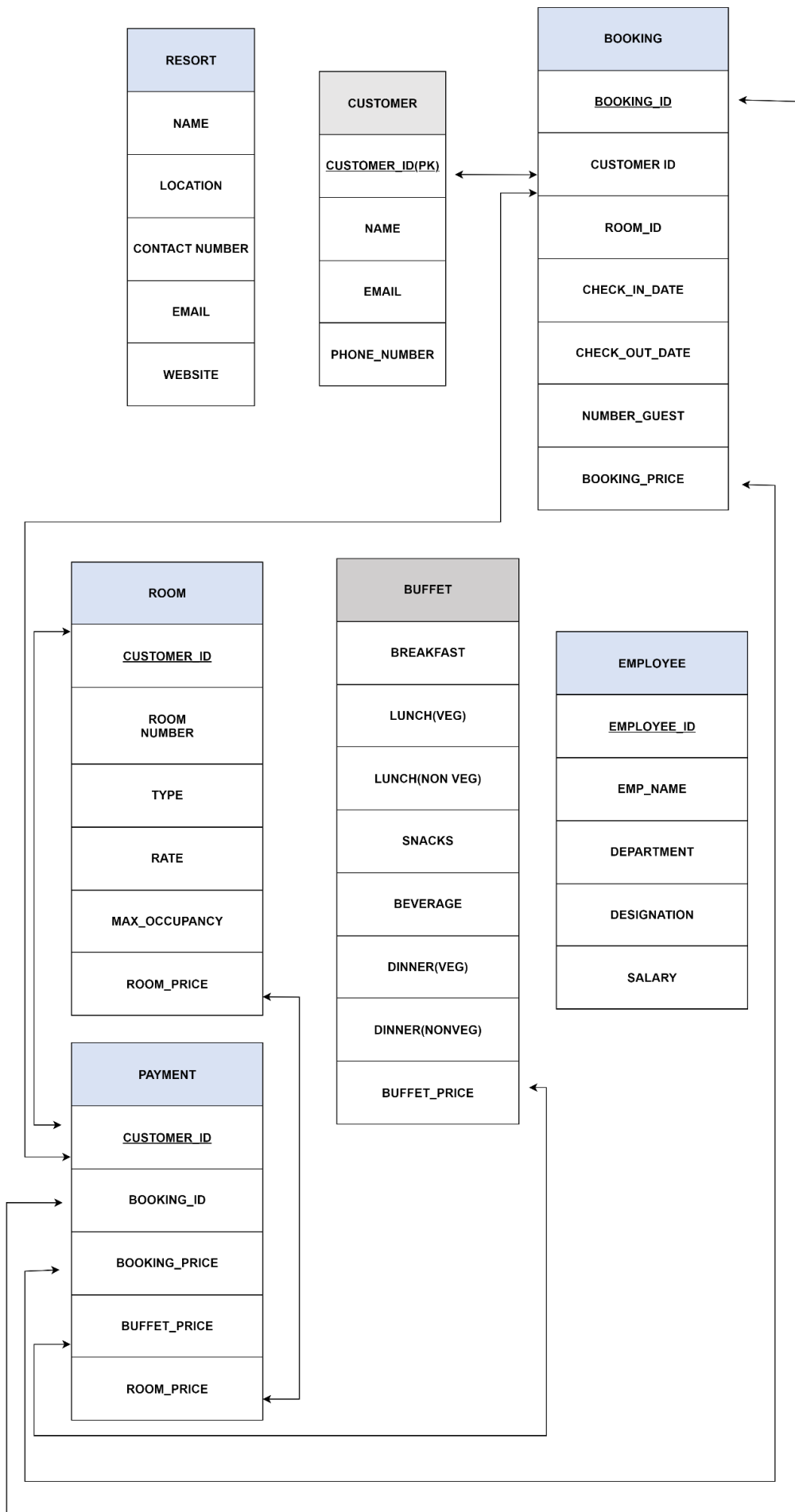
SCHEMA:

RESORT
- NAME
- LOCATION
- CONTACT NUMBER
- EMAIL
- WEBSITE

CUSTOMER
- CUSTOMER_ID(PK)
- NAME
- EMAIL
- PHONE_NUMBER

BOOKING
- BOOKING_ID
- CUSTOMER ID
- ROOM_ID
- CHECK_IN_DATE
- CHECK_OUT_DATE
- NUMBER_GUEST
- BOOKING_PRICE

ROOM
- CUSTOMER_ID
- ROOM NUMBER
- TYPE
- RATE
- MAX_OCCUPANCY
- ROOM_PRICE

BUFFET
- BREAKFAST
- LUNCH(VEG)
- LUNCH(NON VEG)
- SNACKS
- BEVERAGE
- DINNER(VEG)
- DINNER(NONVEG)
- BUFFET_PRICE

EMPLOYEE
- EMPLOYEE_ID
- EMP_NAME
- DEPARTMENT
- DESIGNATION
- SALARY

PAYMENT
- CUSTOMER_ID
- BOOKING_ID
- BOOKING_PRICE
- BUFFET_PRICE
- ROOM_PRICE

Table Structure :

RESORT

SL NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	name	varchar	50	Not null	Resort name
2	location	Varchar	50	Not null	Resort location
3	Phone_number	Int	10	Not null	Phone no
4	email	Varchar	50	Not null	Email
5	website	varchar	50	Not null	Resort website

CUSTOMER

SL NO	FIELD NAME	TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	cust_id	Int	50	Primary key	Customer id
2	cust_name	Varchar	50	Not null	Customer name
3	email	Varchar	50	Not null	email
4	phone_number	Int	10	Not null	Phone number

BOOKING

SL NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	booking_id	Int	50	Primary key	Booking id
2	cust_id	Int	50	Foreign key	Customer id
3	room_id	Int	50	Not null	Room id
4	check_in_date	date	50	Not null	Check in Date
5	check_out_date	date	50	Not null	Check out date
6	number_guest	Int	50	Not null	Number of guest
7	booking_price	Int	50	Not null	Booking price

ROOM

SL NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	cust_id	Int	50	Foreign key	Customer id
2	room_no	int	50	Not null	Room number
3	type	varchar	50	Not null	Room type
4	max_occupancy	int	50	Not null	Max Occupancy
5	room_price	int	50	Primary key	Room price

BUFFET

SL NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	breakfast	varchar	50	Not null	breakfast
2	lunch_veg	varchar	50	Not null	Lunch-veg
3	lunch_nonveg	varchar	50	Not null	Lunch-nonveg
4	snacks	varchar	50	Not null	Snacks
5	beverage	varchar	50	Not null	Beverage
6	dinner_veg	varchar	50	Not null	Dinner-veg
7	dinner_nonveg	varchar	50	Not null	Dinner-nonveg
8	buffet_price	int	50	Primary key	Buffet price

EMPLOYEE

SL NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	Emp_id	Int	50	Not null	Employee id
2	emp_name	Varchar	50	Not null	Employee name
3	department	Varhar	50	Not null	Department
4	designation	varchar	50	Not null	Designation
5	salary	int	50	Not null	Salary

PAYMENT

SL NO	FIELD NAME	DATA TYPE	SIZE	CONSTRAINTS	DESCRIPTIONS
1	cust_id	Int	50	Foreign key	Customer id
2	booking_id	int	50	Foreign key	Booking id
3	booking_price	Int	50	Foreign key	Booking price
4	buffet_price	Int	50	Foreign key	Buffet price
5	room_price	Int	50	Foreign key	Room price