**Hotel Reservation System**

**CREATE DATABASE:**

create database projectdb;

**CREATE ACCOMODATION TABLE:**

create table Accommodation(

accommodation\_id varchar(10),

accommodation\_type varchar(20) not null,

fare\_per\_day decimal(8,2) not null,

primary key(accommodation\_id),

constraint CHK\_FarePerDay check(fare\_per\_day>=1000)

);

**CREATE HOTEL TABLE:**

create table Hotel(

hotel\_id varchar(10),

hotel\_name varchar(50),

primary key(hotel\_id)

);

**CREATE CLIENT TABLE:**

create table Client (

client\_number int,

client\_name varchar(50) not null,

client\_address varchar(100) not null,

contact\_no varchar(10) not null,

gender varchar(10) not null,

checkin\_date varchar(12) not null,

checkout\_date varchar(12) not null,

hotel\_id varchar(10) not null,

accommodation\_id varchar(10),

pay\_status varchar(10) not null,

PRIMARY KEY (client\_number),

foreign key (hotel\_id) references Hotel(hotel\_id),

foreign key (accommodation\_id) references Accommodation(accommodation\_id)

);

**CREATE CLIENT\_SERVICE TABLE:**

create table Client\_Services(

serial\_number int,

client\_number int not null,

service\_type varchar(20) not null,

date date not null,

amount decimal(8,2) not null,

primary key(serial\_number),

foreign key (client\_number) references Client(client\_number)

);

**THE ER DIAGRAM:**

