Database:

Create table customer(customerid Int AUTO\_INCREMENT, name varchar(255), contactNo Int, address Varchar(255), username varchar(255), password varchar(255), Primary Key(customerid));

Create table Listing(listingid Int AUTO\_INCREMENT, hotelname varchar(255), address Varchar(255), city varchar(255), amenities varchar(255), Primary Key(listingid));

Insert into Listing(hotelname, address, city,amenities) values (' MBS ', ' Sentosa ', ' Singapore ', ' Casino ');

Create table HotelListingDetails(listingdetailid Int AUTO\_INCREMENT, roomType varchar(155), numOfRooms Int, listingid Int, Primary Key(listingdetailid) ,FOREIGN KEY (listingid) REFERENCES Listing(listingid));

Insert into HotelListingDetails (roomType, numOfRooms, listingid) values('Single', 405,1);

Insert into HotelListingDetails (roomType, numOfRooms, listingid) values('Super Single', 300,1);

Insert into HotelListingDetails (roomType, numOfRooms, listingid) values('Deluxe', 250,1);

Create table hotelreview( hotelreviewid int AUTO\_INCREMENT, listingid int, ratings Int, reviews varchar(255), Primary Key( hotelreviewid),FOREIGN KEY (listingid) REFERENCES Listing(listingid));

Create table booking(bookingid int AUTO\_INCREMENT, checkindate date, checkoutdate date, numofguest int, isCanceled Boolean, roomType varchar(155), customerid Int, Primary Key( bookingid), FOREIGN KEY (customerid) REFERENCES customer(customerid) );

Insert into booking(checkindate,checkoutdate, numofguest,isCanceled, roomType, customerid) values('2021-4-4', '2021-8-4',3,false, 'Deluxe', 1);

MongoDB:

use MongoDB

db.customer.insert({name: "Ben",contactNo:91991234, address:"NYP SIT",username:"Benflop",password:"LOL1234"})

db.listing.insert({hotelname: ' MBS ', address: ' Sentosa ', city: ' Singapore ',amenities: ' Casino '})

db.hotellistingdetails.insert ({roomType:'Single', numOfRooms :405, listingid : ObjectId("6057418199d112d5957a1880")})

db.hotelreview.insert({ratings: 5, reviews:"Very Good", listingid : ObjectId("6057418199d112d5957a1880")})

db.bookings.insert({checkindate: 25/04/2021,checkoutdate: 30/04/2021, numofguest: 2,isCanceled: false, roomType: "Single", customerid: ObjectId("60573fcd99d112d5957a187f")})