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##1 - Choose a subject for a system of your preference, such as
Amazon, Netflix, Tawakalna, or Absher.
#2 - Select four tables related to the chosen subject."
#4 - Create a database in DataGrip with the same name as the chosen
system.
#5 - create all table with attributes
#6 - add constraints

# DDL - Create
create database nusuk;
drop database nusuk;

create table users (
    userId varchar(10) primary key,
    fullname varchar(40) not null,
    email varchar(25) unique not null,
    password varchar(20) not null,
    birthdate date not null,
    age int,
    gender varchar(6) check(gender in ('male', 'female')),
    phone_number varchar(15) not null
);

insert into users values('1103051031','Kholud Mohammed
Almutairi','Kholud@gmail.com','wpf@2433622','2000-07-
21',24,'female','0551243107');
insert into users values('1022456780','Afnan faisal
Algahdaty','Afnan@gmail.com','apf@2433622','1995-08-
11',30,'female','0551569077');
insert into users values('1110864346','Mohammed Ali
Alshalahi','Mohammed@gmail.com','wpf@2433622','2005-04-
21',18,'male','055669928');

create table companions (
    companionId int primary key ,
    fullname varchar(40) not null,
    birthdate date,
    age int,
    gender varchar(6) check(gender in ('male', 'female')),
    relationship varchar(50),
    userId varchar(10),
    foreign key (userId) references users(userId)
);

insert into companions values('100456789','Fatmah Awid
Almutairi','1970-07-21',65,'female','mother','1103051031');
insert into companions values('1005632575','Reeham faisal
Algahdaty','1996-07-21',31,'female','sister','1022456780');
insert into companions values('1045479035','Saud Ali
Alshalahi','1985-07-21',40,'male','father','1110864346');

create table trips (
    tripId int primary key ,
    trip_type varchar(50) check(trip_type in('umrah', 'visiting the
prophet's mosque'))
);

insert into trips(tripId, trip_type) values (1, 'umrah');
insert into trips(tripId, trip_type) values (2, 'visiting the
prophet's mosque');
insert into trips(tripId, trip_type) values (3, 'umrah');

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create table bookings (
    bookingId int primary key ,
    userId varchar(10),
    tripId int,
    booking_date timestamp default current_timestamp,
    trip_time varchar(10) check(trip_time in('morning', 'evening')),
    foreign key (userId) references users(userId),
    foreign key (tripId) references trips(tripId)
);

insert into bookings(bookingId, userId, tripId, trip_time) values (1,
'1103051031', 1, 'morning');
insert into bookings(bookingId, userId, tripId, trip_time) values (2,
'1022456780', 2, 'evening');
insert into bookings(bookingId, userId, tripId, trip_time) values (3,
'1110864346', 3, 'evening');

# DQL - Select
select *from users;
select *from bookings;
select *from companions;
select *from trips;

# DML - Update
update bookings
set booking_date = '2024-03-21'
where bookingId = '1';

# DML - Delete
delete from bookings
where bookingId = '1';

# DDL - Drop
drop database Nusuk;
drop table trips;

# DDL - Alter
alter table bookings add column trip_type varchar(50);

# DDL - Truncate
truncate table bookings;
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