Use Cases for Assignment 3:

1.Rentee is looking for accommodation with the following amenities: Wifi(paid),Laundry

select ja.* from SubleaseSpot ja , SubleaseRoommate sr where sr.name='Ritik Bhandari'

 and ja.Amenities like "%Wifi%" AND ja.Amenities like "%Laundry%" ;

2.Rentee is looking for accommodations on the JuneHomes.com website at Harvard Avenue a min distance from the nearest transportation.

select j.address,ja.* from JuneApartments j join Junetransport ja on j.id= ja.id

join SubleaseRoommate sr where sr.name='Parixit Sanghani' and address like "%harvard%"

and ja.walktime= (select walktime from Junetransport order by walktime limit 1);

3. Rentee is looking for accommodations on the JuneHomes.com website with amenities like paid Wifi.

select j.* from JuneApartments j join JuneAmenities ja on j.id= ja.id

join SubleaseRoommate sr where sr.name='Ritik Bhandari' and ja.Amenities like "%Wifi%";

4. The rentee is looking for accommodations on the JuneHomes.com website with rent according to his Budget per month.

select sr.name,j.* from JuneApartments j join TemporaryRoommate sr where sr.name='Sai Uttam Gadde' and j.Price <sr.budget;

5. The rentee is looking for accommodations on the JuneHomes.com website near Fenway .

select sr.name,j.* from JuneApartments j join SubleaseRoommate sr on sr.name='Shivani' and j.address like "%fenway%";

6.Rentee is looking for temorary accommodation at walking distance (1 mile)from the university.

select ts.* from temporaryspot ts , temporaryroommate tr where ProximityToUni<1 and tr.Name="Bharath Chandra Bottu" ;

7.Renter is looking for a list of people willing to stay in private bedroom.

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select sr.* from subleasespot ss, subleaseroommate sr
where sr.TypeOfSpot like "%Private Bedroom%" and
ss.Name="Haseeb";
```

8.Female Rentee is looking for a Mixed Gender permanant spot.

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select ss.* from subleasespot ss, subleaseroommate
sr where sr.Name="Shreya Sharma"
and ss.GenderPref like "%Mixed%";
```

9.The rentee is looking for a temporary hall spot with rent lesser than 20 USD per day.

```
select ts.* from temporaryspot ts ,
temporaryroommate tr where TempRent<20 and
tr.Name="Bharath Chandra Bottu";
```

10. The rentee is looking for accommodations on the JuneHomes.com website with 3 bedrooms and 2 bathroom .

select sr.name,j.* from JuneApartments j join SubleaseRoommate sr on sr.name='Shivani' and Beds=3 and Bath=2;

11.Rentee is looking for On lease accommodation .

select ja.* from SubleaseSpot ja , SubleaseRoommate sr where sr.name='Ritik Bhandari'

and LeaseSpotType ='On Lease' ;

12.Renter wants to find a roommate based on his/her Dietary preferences.

select sr.* from SubleaseSpot s Join SubleaseRoommate sr on (s.DietaryPref like "Non%"

and sr.RoommateDietaryPref like "Non%") or (s.DietaryPref not like "Non%"

and sr.RoommateDietaryPref not like "Non%") where s.name='Haseeb';

13.Rentee wants to find a house based on his/her gender preferences.

select s.name,sr.name from SubleaseSpot s Join SubleaseRoommate sr on s.Gender like "%"||

sr.RoommateGenderPref ||"%" where sr.name='Shreya Sharma';

14.Rentee wants to find accommodation within the budget between 500 USD-600 USD per month rent.

    select s.* from SubleaseSpot s Join SubleaseRoommate sr on rent>=500 and rent<=550 where sr.name='Shreya Sharma';

15.The renter is looking for people who need 2 vacant spots in the house.

select sr.* from subleasespot ss, subleaseroommate sr where sr.NoOfRoommates >2 and ss.Name="Haseeb";