Description:

Assumptions:

1. Users can only register as either renter or host.
2. latitude and longitude can determine the exact location of a listing

ER diagram:

Schema:

User(uid, first\_name, last\_name, date\_of\_birth, occupation, SIN)

Address(latitude, longitude, postal\_code, city, country)

LivesAt(uid, latitude, longitude)

Renter(uid, card\_num)

Host(uid)

Commented(uid1, uid2, comment\_ID, content, rating)

Bookings(booking\_ID, start\_date, end\_date)

BookOrCancels(uid, booking\_ID)

Availabilities(availability\_ID, listing\_ID, start\_date, end\_date, status, price\_daily)

BookOrCancelsAt(booking\_ID, availability\_ID)

Listings(listing\_ID, type)

Hosts(uid, listing\_ID)

AvailableAt(availability\_ID, listing\_ID)

LocatesAt(listing\_ID, latitude, longitude)

CommentListing(uid, listing\_ID, commentList\_ID)

Amenity(type, num)

Has(listing\_ID, type)

DDL statement: 没看出来

问题：

1. Address需不需要province，street address，number
2. Availabilities(available\_ID, listing\_ID, start\_date, end\_date, status, price\_daily)

or

Availabilities(listing\_ID, date, status, price)

ASK TA!!!!!!!!

1. “A host can only comment on a renter that has rented the listed place and the renter can comment only on a host from whom he/she has rented” ? put this in assumption??
2. 感觉Renter — Books/Cancels — Bookings — Books/CancelsAt —- Availabilities 可以变成 Renter — Books/CancelsOn — Availabilities，原Bookings的attribute给到Books/CancelsOn (redundency in ER diagram扣分吗？)
3. DDL？？？？

修改（不算added attribute/entity）

1. 把两边的comment改了

