

## **Assumptions**

The basic functional and data requirements outlined in the project description need to be supplemented with the following assumptions to better define the scope of creating a QBbB project.

### **Comment**

- If a member gets rid of a property and all bookings related to that will be marked as deleted with the is deleted tag.
- A member can only comment once per booking and there can be only one comment and reply
- Replies are just comments and not limited to the person who owns the property

### **Members (& Booking)**

- When a member cancels their membership, all properties for that member will be not appear along with all bookings for that property will be marked as deleted and bookings that they have made will be deleted.
- Two members can have the same name; therefore, the unique identifier of the members are their email addresses.
- Each member can have more than one property.
- A member can sign up with only one degree, even if they have earned more than one at Queen's.
- A member can be both a supplier and a consumer.
- You have to be a member to list a property, make a booking, comment or reply.
- A member can book more than one booking (but not at the same time)

### **Properties (& Booking)**

- Addresses are unique. For example, if there are multiple properties at one address, they are differentiated by the apartment number.
- A property is only in one district.
- A single property can't be booked during the same period for two different members.
- The booking date is the start date and lasts for one week, as mentioned in the project description.

### **District**

- QBnB occurs in only one city.
- The city districts don't change over time.
- The admins can add or remove points of each District.
- Districts are unique.
- Each district will have the main intersection that is included in that district as a point of reference for the member booking a property.