





Comments & Assumptions

User entity:

1. The email address of the Person is the same for the User; an email address once registered belongs to an account.

Event entity:

1. Every Event must have one, and only one, organiser.
2. If a Person is attending an Event, it is deemed as an RSVP.
3. The Recurrence attribute must be answered as "One-Off", "Daily", "Weekly", or "Monthly"
4. The Privacy attribute is either "Public" or "Private". Public events will be open to be seen and registered for by anyone. Private events are only open to those on an associated Invitee List.
5. The EventID will be the basis of the URL.
6. The IsAttendedBy relationship shows who is attending i.e. who has RSVPed to the event.

Instance entity:

1. An Instance refers to an instance of an event, i.e. one date and time where the event takes place. The Instance entity will allow dates and times the event takes places to be visible.
2. Therefore, all instances are attributable to one event, and each event must have at least one instance (or all instances)
3. Instances are created and their attributes derived based on the StartDate, StartTime, EndDate, EndTime, and Recurrence attributes of the Event.

Place entity

1. The StreetLine attribute of PlaceAddress is mandatory but may include the street type and street/apartment number e.g. "123 Smith St".

Category entity

1. Categories do not require to be associated to an event; for example in cases where there are no events corresponding to a category, or when ev.org wants to create a category and invite event organisers to host on the site.

List entity

1. The interface for creating either types of list (Contact or Invitee) shall be the same, at least on the back end.
2. A Contact List can be specified as an Invitee List so that it can be used as an invitee list for an event. This would make it both a Contact List and an Invitee List.
3. An Event can have multiple Invitee Lists; multiple contact lists can be invited to an event, plus a special Invitee List for invitees not in contact lists.
4. An Invitee List must be associated with at least one Event. An Invitee List that was not a Contact List is deleted if the Event is deleted. A Contact List used as an Invitee List will revert to being solely a Contact List.
5. Even if an Event is set to Private and therefore requires an Invitee List in practice, it is not necessary on the back end. This is so that an organiser can create the event before choosing who to invite.