Project Description

We are going to build a management system for Event Organizations to keep track of and manage their planners, participants, and events, etc.
Usually, an event needs an organizer to be responsible for it. First of all, the event needs to be initiated by an organizer.
The organizer will determine the event name, event type, time, location and number of participants.
Subsequently, a browsable activity is generated for participants to register.
Basic contact information such as name, phone number and email from organizer and participant.
Any participant can participate in a number of non-conflicting activities.
Participants can cancel any unattended projects at any time
Each activity has different activity types and number restrictions. Once the number of participants reaches the limit, they will not be able to sign up.
Through such activity database management, we can follow up the progress of the project and arrange activities more effectively.

The application will support:
CRUD the contact information of the participant and organizer.
CRUD event (add new events, update event date, type, location, and number of participants)
Query/filter events that participants attended by date, type, location, and during time.
Keep track of event participants
Different types of events
Analysis of events

Identify Nouns and Verbs

Nouns
- User
- Organizer
- Participant
- Event

Verbs

User
- Create userID, firstName, lastName, phone number.
- Read userID, firstName, lastName, phone number.
- Update userID, firstName, lastName, phone number.
- Delete userID, firstName, lastName, phone number.

Organizer/Participants are users.

Organizer
- Sign in the event
- Create address, eventID, eventName, eventType, duringTime, description, participantVolumn and participantActual.
- Read address, eventID, eventName, eventType, duringTime, description, participantVolumn and participantActual.
- Update address, eventID, eventName, eventType, duringTime, description, participantVolumn and participantActual.
- Delete address, eventID, eventName, eventType, duringTime, description, participantVolumn and participantActual.

Participant
- Sign up the event
- Create email address
- Read email address
- Update email address
- Delete email address
- Read eventID, eventName, eventType, duringTime, description, participantVolumn and participantActual.
- Update participantActual.