DBGallery

- Store Image UID
- Store Images

User

- Stores Name - Stores User UID - Stores Profile Picture's ID - Stores Contact Information - Update Name - Add and remove Profile Picture (ImageGallery) - Update Contact Information	- DBGallery - UserGallery

Geolocation

- Store Geolocation UID
- Store Geolocation

Attendee (User)

- Store Geolocation ID - Allow the Attendee to Check-in and Check-out of an event - Allow the attendee to Opt-in and Opt-out of Notification tracking - View event details and announcements	- User - Geolocation - Scanner

Guest (Attendee)

Add a Default Guest Name by overwriting the Name attribute that is compulsory for the Attendees	- User - Attendee

Organizer (User)

- Store Geolocation ID - Stores a list of Event IDs that an organizer worked on. - Create or Add an Event Poster - Add or Update the Event Descriptions - Generate or Reuse a QR code - Share QR code Image	- User - Event - ImageGallery - Geolocation

Admin (User)

- Browse and remove Profile - Browse and remove Images (Posters and Profile Pictures) - Browse and remove Events	- User - Event - ImageGallery - Attendee - Organizer

Events

- Store Event UID - Store Event Poster ID - Store Event Description - Store Geolocation ID - Store QR Code to browse the Event - Store QR Code to Check In to Event - Keep a track of all the Geolocations - Store the number of Check In for each events, through a dictionary having Attendee's UID as the key and count of check-in as the value - Store a list of all the Organizer UIDs for an event. - Store the list of all the Announcements and Notifications	- ImageGallery - EventManager - Geolocation - Attendee - Organizer - Notification

EventsManager

- Create/Add/Edit Poster - Create/Add/Edit Description - Add/Edit Geolocation - Create/Upload/Reuse Event Browsing QR - Create/Upload/Reuse Event Check In QR - Create and Send Notifications/Alerts - Show the list of all Attendees - Add and Remove an Attendee from dictionary each event having Attendee and their check in count	- Event - ImageGallery - Notification

EventArrayAdapter

- Set the view to show all the Event details	

AdminArrayAdapter

- Set the view to allow the Admin to browse Profiles, Images, and Events	

CreateEventFragment

- Add Name of Event
- Add Name of Organizer
- Add Time + Location
- Add Event Details
- Upload Event Poster
- Upload Event QR Code
- Generate QR code

- Organizer
- Event
- Geolocation
- ImageGallery
- GenerateQRCodeFragment

ShareEventQRCodeFragment

- Display QR code
- Share QR code

- Event
- CreateEventFragment

Notification

- Display Notification Type
- Display Notification Information
- Notification Time

- Event

SendNotificationFragment

- Edit Notification Type
- Edit Notification Information

- Notification
- Event

AdminDeleteProfileFragment

- View Username
- View Profile Picture
- View Contact Information
- Delete User

- User
- ImageGallery

AdminDeletePictureFragment

- View Picture
- Delete Picture

- ImageGallery

AdminDeleteEventFragment

- View Event Name
- View Event Time and Location
- View Event Details
- View Event Notifications
- View Event Poster
- Delete Event

- Event
- DBGallery

QRCodeHistoryFragment	
• Display past event QR codes • Allow selection of QR code	• Event

Scanner	
• Enable Extraction of a barcode/QR code from a picture	• Camera

Camera	
• Allow access to user camera	

UserGallery	
• Allow access to user gallery and select Images	