

ImageGallery	
<ul style="list-style-type: none"> <li>• Store Image UID</li> <li>• Store Images</li> </ul>	

User	
<ul style="list-style-type: none"> <li>• Stores Name</li> <li>• Stores User UID</li> <li>• Stores Profile Picture's ID</li> <li>• Stores Contact Information</li> <li>• Update Name</li> <li>• Add and remove Profile Picture (ImageGallery)</li> <li>• Update Contact Information</li> </ul>	<ul style="list-style-type: none"> <li>• ImageGallery</li> </ul>

Geolocation	
<ul style="list-style-type: none"> <li>• Store Geolocation UID</li> <li>• Store Geolocation</li> </ul>	

### Attendees (User)

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| <ul style="list-style-type: none"><li>• Store Geolocation ID</li><li>• Allow the Attendee to Check-in and Check-out of an event</li><li>• Allow the attendee to Opt-in and Opt-out of Notification tracking</li><li>• View event details and announcements</li></ul> | <ul style="list-style-type: none"><li>• User</li><li>• Geolocation</li></ul> |
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### Organizer (User)

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| <ul style="list-style-type: none"><li>• Store Geolocation ID</li><li>• Stores a list of Event IDs that an organizer worked on.</li><li>• Create or Add an Event Poster</li><li>• Add or Update the Event Descriptions</li><li>• Generate or Reuse a QR code</li><li>• Share QR code Image</li></ul> | <ul style="list-style-type: none"><li>• User</li><li>• Event</li><li>• ImageGallery</li><li>• Geolocation</li></ul> |
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### Admin (User)

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| <ul style="list-style-type: none"><li>• Browse and remove Profile</li><li>• Browse and remove Images (Posters and Profile Pictures)</li><li>• Browse and remove Events</li></ul> | <ul style="list-style-type: none"><li>• User</li><li>• Event</li><li>• ImageGallery</li><li>• Attendee</li><li>• Organizer</li></ul> |
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Events	
<ul style="list-style-type: none"> <li>• Store Event UID</li> <li>• Store Event Poster ID</li> <li>• Store Event Description</li> <li>• Store Geolocation ID</li> <li>• Store QR Code to browse the Event</li> <li>• Store QR Code to Check In to Event</li> <li>• Keep a track of all the Geolocations</li> <li>• 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</li> <li>• Store a list of all the Organizer UIDs for an event.</li> <li>• Store the list of all the Announcements and Notifications</li> </ul>	<ul style="list-style-type: none"> <li>• ImageGallery</li> <li>• EventManager</li> <li>• Geolocation</li> <li>• Attendee</li> <li>• Organizer</li> <li>• Notification</li> </ul>

EventManager	
<ul style="list-style-type: none"> <li>• Create/Add/Edit Poster</li> <li>• Create/Add/Edit Description</li> <li>• Add/Edit Geolocation</li> <li>• Create/Upload/Reuse Event Browsing QR</li> <li>• Create/Upload/Reuse Event Check In QR</li> <li>• Create and Send Notifications/Alerts</li> <li>• Show the list of all Attendees</li> <li>• Add and Remove an Attendee from dictionary each event having Attendee and their check in count</li> </ul>	<ul style="list-style-type: none"> <li>• Event</li> <li>• ImageGallery</li> <li>• Notification</li> </ul>

## EventArrayAdapter

- Set the view to show all the Event details

## AdminArrayAdapter

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

## EditProfileFragment

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| <ul style="list-style-type: none"><li>• Edit Username</li><li>• Edit Profile Picture</li><li>• Edit Contact Information</li><li>• Enable/Disable Notifications</li><li>• Enable/Disable Geolocation</li></ul> | <ul style="list-style-type: none"><li>• User</li><li>• Geolocation</li><li>• ImageGallery</li></ul> |
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## CreateEventFragment

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| <ul style="list-style-type: none"><li>• Add Name of Event</li><li>• Add Name of Organizer</li><li>• Add Time + Location</li><li>• Add Event Details</li><li>• Upload Event Poster</li><li>• Upload Event QR Code</li><li>• Generate QR code</li></ul> | <ul style="list-style-type: none"><li>• Organizer</li><li>• Event</li><li>• Geolocation</li><li>• ImageGallery</li><li>• GenerateQRCodeFragment</li></ul> |
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ShareEventQRCodeFragment	
<ul style="list-style-type: none"> <li>• Display QR code</li> <li>• Share QR code</li> </ul>	<ul style="list-style-type: none"> <li>• Event</li> <li>• CreateEventFragment</li> </ul>

Notification	
<ul style="list-style-type: none"> <li>• Display Notification Type</li> <li>• Display Notification Information</li> <li>• Notification Time</li> </ul>	<ul style="list-style-type: none"> <li>• Event</li> </ul>

SendNotificationFragment	
<ul style="list-style-type: none"> <li>• Edit Notification Type</li> <li>• Edit Notification Information</li> </ul>	<ul style="list-style-type: none"> <li>• Notification</li> <li>• Event</li> </ul>

AdminDeleteProfileFragment	
<ul style="list-style-type: none"> <li>• View Username</li> <li>• View Profile Picture</li> <li>• View Contact Information</li> <li>• Delete User</li> </ul>	<ul style="list-style-type: none"> <li>• User</li> <li>• ImageGallery</li> </ul>

### AdminDeletePictureFragment

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| <ul style="list-style-type: none"><li>• View Picture</li><li>• Delete Picture</li></ul> | <ul style="list-style-type: none"><li>• ImageGallery</li></ul> |
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### AdminDeleteEventFragment

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| <ul style="list-style-type: none"><li>• View Event Name</li><li>• View Event Time and Location</li><li>• View Event Details</li><li>• View Event Notifications</li><li>• View Event Poster</li><li>• Delete Event</li></ul> | <ul style="list-style-type: none"><li>• Event</li><li>• ImageGallery</li></ul> |
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### QRCodeHistoryFragment

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| <ul style="list-style-type: none"><li>• Display past event QR codes</li><li>• Allow selection of QR code</li></ul> | <ul style="list-style-type: none"><li>• Event</li></ul> |
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### AdminDeleteEventFragment

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| <ul style="list-style-type: none"><li>• View Event Name</li><li>• View Event Time and Location</li><li>• View Event Details</li><li>• View Event Notifications</li><li>• View Event Poster</li><li>• Delete Event</li></ul> | <ul style="list-style-type: none"><li>• Event</li><li>• ImageGallery</li></ul> |
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