

User	
<ul style="list-style-type: none"> <li>- Store core user info (id, name, email, phone)</li> <li>- Provide getters/setters</li> <li>- Provide abstract role getter</li> </ul>	<ul style="list-style-type: none"> <li>- Entrant</li> <li>- Organizer</li> <li>- Admin</li> </ul>
Entrant	
<ul style="list-style-type: none"> <li>- Represent entrant user</li> <li>- Store entrant profile info</li> <li>- Provide role = 'entrant'</li> </ul>	<ul style="list-style-type: none"> <li>- User</li> <li>- UserController</li> <li>- EntrantProfileActivity</li> <li>- EventListActivity</li> <li>- EventDetailsActivity</li> </ul>
Organizer	
<ul style="list-style-type: none"> <li>- Represent organizer user</li> <li>- Provide role = 'organizer'</li> </ul>	<ul style="list-style-type: none"> <li>- User</li> <li>- OrganizerActivity</li> <li>- EventController</li> </ul>
Admin	
<ul style="list-style-type: none"> <li>- Represent admin user</li> <li>- Provide role = 'admin'</li> </ul>	<ul style="list-style-type: none"> <li>- User</li> <li>- AdminActivity</li> <li>- UserController</li> </ul>
Event	
<ul style="list-style-type: none"> <li>- Store event info (name, description, dates, tags, poster)</li> <li>- Map Firestore snapshot to Event</li> </ul>	<ul style="list-style-type: none"> <li>- EventController</li> <li>- EventListActivity</li> <li>- EventDetailsActivity</li> <li>- AdminEventListFragment</li> </ul>
Image	
<ul style="list-style-type: none"> <li>- Store image metadata</li> <li>- Decode base64 to Bitmap</li> <li>- Map Firestore snapshot to Image</li> </ul>	<ul style="list-style-type: none"> <li>- ImageController</li> <li>- AdminImageListFragment</li> </ul>

WaitingListEntry	
<ul style="list-style-type: none"> <li>- Store entrant waiting list status for event</li> <li>- Map Firestore document to model</li> </ul>	<ul style="list-style-type: none"> <li>- WaitingListController</li> <li>- UserController</li> <li>- EventDetailsActivity</li> </ul>
EntrantHistoryItem	
<ul style="list-style-type: none"> <li>- Store historical event record for entrant</li> </ul>	<ul style="list-style-type: none"> <li>- UserController</li> <li>- EventHistoryActivity</li> </ul>
EventController	
<ul style="list-style-type: none"> <li>- Fetch/filter/create/delete events from Firestore</li> <li>- Map documents to Event list</li> </ul>	<ul style="list-style-type: none"> <li>- FirebaseUtil</li> <li>- Event</li> <li>- EventListActivity</li> <li>- AdminEventListFragment</li> <li>- OrganizerActivity</li> </ul>
UserController	
<ul style="list-style-type: none"> <li>- Create/update/delete user profiles</li> <li>- Fetch users for admin</li> <li>- Fetch entrant history</li> <li>- Convert Firestore docs to User models</li> </ul>	<ul style="list-style-type: none"> <li>- FirebaseUtil</li> <li>- User</li> <li>- EntrantHistoryItem</li> <li>- EntrantProfileActivity</li> <li>- AdminProfileListFragment</li> </ul>
WaitingListController	
<ul style="list-style-type: none"> <li>- Join waiting list</li> <li>- Leave waiting list</li> <li>- Fetch waiting list entry</li> </ul>	<ul style="list-style-type: none"> <li>- FirebaseUtil</li> <li>- WaitingListEntry</li> <li>- EventDetailsActivity</li> <li>- UserController</li> </ul>
ImageController	
<ul style="list-style-type: none"> <li>- Fetch images from Firestore</li> <li>- Delete images</li> </ul>	<ul style="list-style-type: none"> <li>- FirebaseUtil</li> <li>- Image</li> <li>- AdminImageListFragment</li> </ul>

LoginActivity	
<ul style="list-style-type: none"> <li>- Authenticate users</li> <li>- Validate credentials</li> <li>- Save deviceId</li> <li>- Route based on role</li> </ul>	<ul style="list-style-type: none"> <li>- FirebaseUtil</li> <li>- UserController</li> <li>- AdminActivity</li> <li>- OrganizerActivity</li> <li>- EntrantActivity</li> </ul>
SignupActivity	
<ul style="list-style-type: none"> <li>- Register new entrants</li> <li>- Validate email/password</li> <li>- Create Firestore user</li> </ul>	<ul style="list-style-type: none"> <li>- FirebaseUtil</li> <li>- LoginActivity</li> </ul>
EntrantActivity	
<ul style="list-style-type: none"> <li>- Entrant dashboard</li> <li>- Open profile, events, history</li> <li>- Seed demo events</li> <li>- Logout</li> </ul>	<ul style="list-style-type: none"> <li>- SessionManager</li> <li>- EntrantProfileActivity</li> <li>- EventListActivity</li> <li>- EventHistoryActivity</li> </ul>
EntrantProfileActivity	
<ul style="list-style-type: none"> <li>- Load existing entrant profile</li> <li>- Save/update/delete profile</li> <li>- Validate input</li> </ul>	<ul style="list-style-type: none"> <li>- UserController</li> <li>- Entrant</li> </ul>
EventListActivity	
<ul style="list-style-type: none"> <li>- Display events</li> <li>- Apply filters</li> <li>- Navigate to details</li> </ul>	<ul style="list-style-type: none"> <li>- EventController</li> <li>- Event</li> <li>- EventAdapter</li> <li>- EventDetailsActivity</li> </ul>
EventDetailsActivity	

- Display event details - Join/leave waiting list - Check current status	- WaitingListController - Event - WaitingListEntry
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EventHistoryActivity	
- Display entrant event history	- UserController - EntrantHistoryItem - EventHistoryAdapter

AdminActivity	
- Admin dashboard tabs - Logout	- SessionManager - AdminPagerAdapter - AdminEventListFragment - AdminImageListFragment - AdminProfileListFragment

OrganizerActivity	
- Organizer dashboard tabs - Navigate between Events and Create	- OrganizerPagerAdapter - SessionManager

WaitingListActivity	
- Show live waiting list - Auto-refresh on Firestore updates	- FirebaseFirestore - SimpleEntrantAdapter - WaitingListEntry

AdminEventListFragment	
- Display events for admin - Delete events	- EventController - AdminEventAdapter - DeletionConfirmationUtil

AdminImageListFragment	
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- Display images for admin - Delete images	- ImageController - AdminImageAdapter - DeletionConfirmationUtil
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AdminProfileListFragment	
- Display user profiles - Delete profiles	- UserController - AdminProfileAdapter - DeletionConfirmationUtil