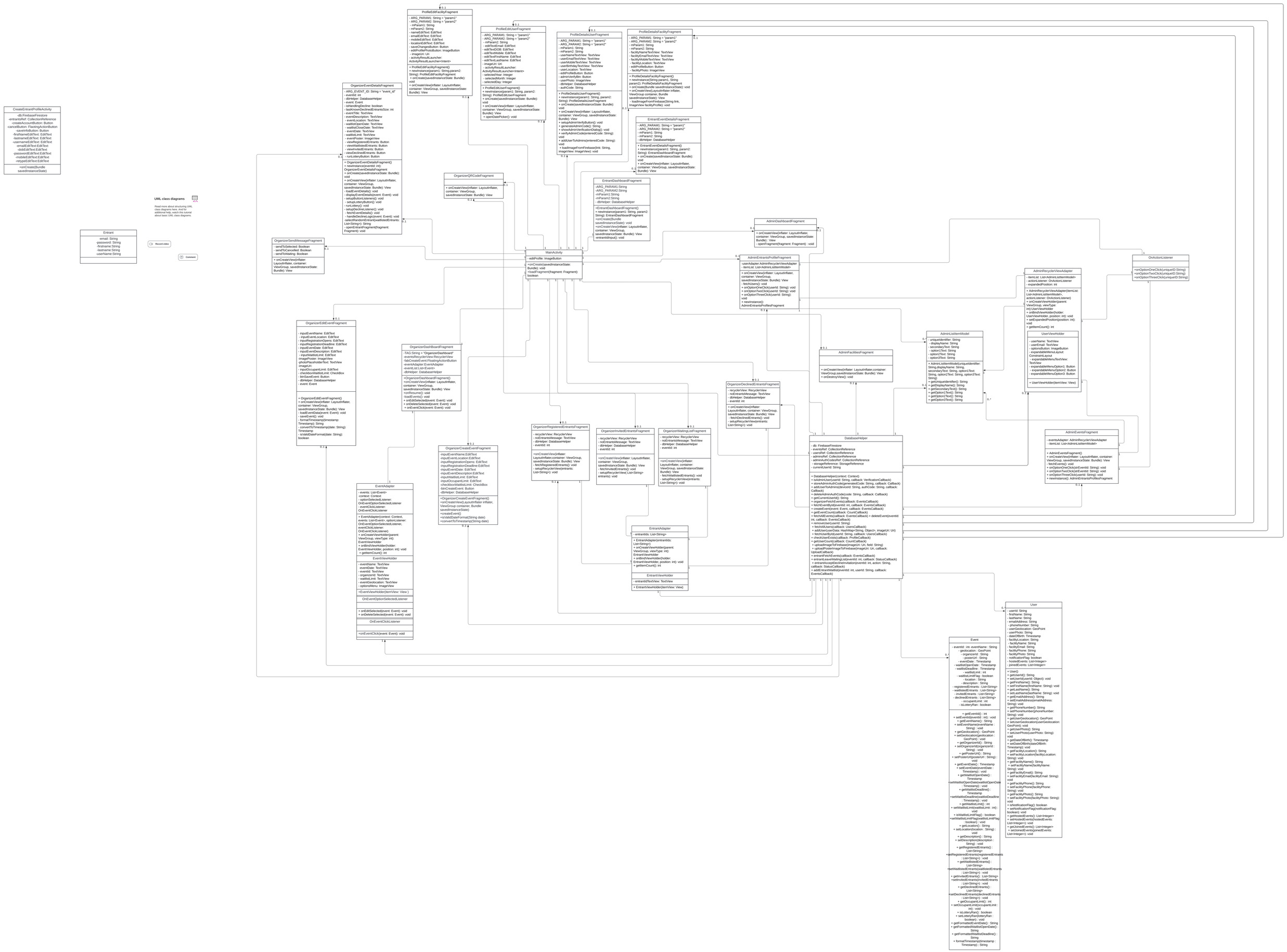
CreateEntrantProfileActivity
-db:FirebaseFirestore
-entrantsRef: CollectionReference
-createAccountButton: Button
-cancelButton: FlacingActionButton
-saveinfoBuiton: Button
-firstNameEditText: EditText
-lastnameEditText: EditText
-usernameEditText: EditText
-emailEditText:EditText
-dobEditText:EditText
-passwordEditText:EditText
-mobileEditText:EditText
-retypeEditText:EditText
+onCreate(Bundle savedInstanceState)
UML class diagrams
Read more about structuring UML class diagrams here. And for additional help, watch this tutorial about basic UML class diagrams.
Entrant
-email: String
-password: String
-firstname:String
-lastname:String
-userName:String
Record video
Comment
ProfileEditFacilityFragment
- ARG_PARAM1: String = "param1"
- ARG_PARAM2: String = "param2"
- mParam1: String
- mParam2: String
- nameEditText: EditText
- emailEditText: EditText
- mobileEditText: EditText
- locationEditText: EditText
- saveChangesButton: Button
- editProfilePhotoButton: ImageButton
- imageUri: Uri
- activityResultLauncher: ActivityResultLauncher<Intent>
+ ProfileEditFacilityFragment()
+ newInstance(param1: String,param2: String): ProfileEditFacilityFragment
+ onCreate(savedInstanceState: Bundle): void
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
ProfileEditUserFragment
- ARG_PARAM1: String = "param1"
- ARG_PARAM2: String = "param2"
- mParam2: String
- editTextEmail: EditText
- editTextDOB: EditText
- editTextMobile: EditText
- editTextFirstName: EditText
- editTextLastName: EditText
- imageUri: Uri
- activityResultLauncher: ActivityResultLauncher<Intent>
- selectedYear: Integer
- selectedMonth: Integer
- selectedDay: Integer
+ ProfileEditUserFragment()
+ newInstance(param1: String, param2: String): ProfileEditUserFragment
+ onCreate(savedInstanceState: Bundle): void
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
+ openDatePicker(): void
ProfileDetailsUserFragment
- ARG_PARAM1: String = "param1"
- ARG_PARAM2: String = "param2"
- mParam1: String
- mParam2: String
- userNameTextView: TextView
- userEmailTextView: TextView
- userMobileTextView: TextView
- userBirthdayTextView: TextView
- userLocation: TextView
- editProfileButton: Button
- adminVerifyBtn: Button
- userPhoto: ImageView
- dbHelper: DatabaseHelper
- authCode: String
+ ProfileDetailsUserFragment()
+ newInstance(param1: String, param2: String): ProfileDetailsUserFragment
+ onCreate(savedInstanceState: Bundle): void
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
+ setupAdminVerifyButton(): void
+ generateAdminCode(): String
+ showAdminVerificationDialog(): void
+ verifyAdminCode(enteredCode: String): void
+ addUserToAdmins(enteredCode: String): void
+ loadImageFromFirebase(link: String, imageView: ImageView): void
ProfileDetailsFacilityFragment
- ARG_PARAM1: String = "param1"
- ARG_PARAM2: String = "param2"
- mParam1: String
- mParam2: String
- facilityNameTextView: TextView
- facilityEmailTextView: TextView
- facilityMobileTextView: TextView
- facilityLocation: TextView
- editProfileButton: Button
- facilityPhoto: ImageView
+ ProfileDetailsFacilityFragment()
+ newInstance(String param1, String param2): ProfileDetailsFacilityFragment
+ onCreate(Bundle savedInstanceState): void
+ onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState): View
- loadImageFromFirebase(String link, ImageView facilityProfile): void
OrganizerEventDetailsFragment
- ARG_EVENT_ID: String = "event_id"
- eventId: int
- dbHelper: DatabaseHelper
- event: Event
- isHandlingDecline: boolean
- lastKnownDeclinedEntrantsSize: int
- eventTitle: TextView
- eventDescription: TextView
- eventLocation: TextView
- waitlistOpenDate: TextView
- waitlistCloseDate: TextView
- eventDate: TextView
- waitlistLimit: TextView
- eventPoster: ImageView
- viewRegisteredEntrants: Button
- viewWaitlistedEntrants: Button
- viewInvitedEntrants: Button
- viewDeclinedEntrants: Button
- runLotteryButton: Button
+ OrganizerEventDetailsFragment()
+ newInstance(eventId: int): OrganizerEventDetailsFragment
+ onCreate(savedInstanceState: Bundle): void
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
- loadEventDetails(): void
- displayEventDetails(event: Event): void
- setupButtonListeners(): void
- setupLotteryButton(): void
- runLottery(): void
- setupDeclineListener(): void
- fetchEventDetails(): void
- handleDeclineLogic(event: Event): void
- selectRandomEntrant(waitlistedEntrants: List<String>): String
- openEntrantFragment(fragment: Fragment): void
OrganizerQRCodeFragment
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
EntrantEventDetailsFragment
- ARG_PARAM1: String = "param1"
- ARG_PARAM2: String = "param2"
- mParam1: String
- mParam2: String
- dbHelper: DatabaseHelper
+ EntrantEventDetailsFragment()
+ newInstance(param1: String, param2: String): EntrantDashboardFragment
+ onCreate(savedInstanceState: Bundle): void
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
EntrantDashboardFragment
-ARG_PARAM1:String
-ARG_PARAM2:String
-mParam1:String
-mParam2:String
- dbHelper: DatabaseHelper
+EntrantDashboardFragment()
+ newInstance(param1: String, param2: String): EntrantDashboardFragment
+onCreate(Bundle savedInstanceState): void
+onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle): View
-entrantdInput(): void
AdminDashboardFragment
+ onCreateView(inflater: LayoutInflater, container: ViewGroup, savedInstanceState: Bundle) : View
- openFragment(fragment: Fragment) : void
OrganizerSendMessageFragment
- sendToSelected: Boolean
- sendToCancelled: Boolean
- sendToWaiting: Boolean
+ onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
MainActivity
- editProfile: ImageButton
+onCreate(savedinstanceState: Bundle): void
+loadFragment(fragment: Fragment): boolean
AdminEntrantsProfileFragment
-userAdapter:AdminRecyclerViewAdapter
- itemList: List<AdminListitemModel>
+ onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
+ fetchUsers(): void
+ onOptionOneClick(userId: String): void
+ onOptionTwoClick(userId: String): void
+ onOptionThreeClick(userId: String): void
+ newInstance(): AdminEntrantsProfileFragment
OnActionListener
+onOptionOneClick(uniqueID:String)
+onOptionTwoClick(uniqueID:String)
+onOptionThreeClick(uniqueID:String)
AdminRecyclerViewAdapter
- itemList: List<AdminListitemModel>
- actionListener: OnActionListener
- expandedPosition: int
+ AdminRecyclerViewAdapter(itemList: List<AdminListitemModel>, actionListener: OnActionListener)
+ onCreateViewHolder(parent: ViewGroup, viewType: int):UserViewHolder
+ onBindViewHolder(holder: UserViewHolder, position: int): void
+ setExpandedPosition(position: int): void
+ getItemCount(): int
UserViewHolder
- userName: TextView
- userEmail: TextView
- optionsBuiton: ImageButton
- expandableMenuLayout: ConstraintLayout
- expandableMenuTextView: TextView
- expandableMenuOption1: Button
- expandableMenuOption2: Button
- expandableMenuOption3: Button
+ UserViewHolder(itemView: View)
AdminListitemModel
- uniqueIdentifier: String
- displayName: String
- secondaryText: String
- option1Text: String
- option2Text: String
- option3Text: String
+ AdminListitemModel(uniqueIdentifier: String,displayName: String, secondaryText: String, option1Text: String, option2Text: String, option3Text: String)
+ getUniqueIdentifier(): String
+ getDisplayName(): String
+ getSecondaryText(): String
+ getOption1Text(): String
+ getOption2Text(): String
+ getOption3Text(): String
AdminFacilitiesFragment
+ onCreateView(inflater: Layoutinflater,container: ViewGroup,savedInstanceState: Bundle): View
+ onDestroyView(): void
OrganizerEditEventFragment
- inputEventName: EditText
- inputEventLocation: EditText
- inputRegistrationOpens: EditText
- inputRegistrationDeadline: EditText
- inputEventDate: EditText
- inputEventDescription: EditText
- inputWaitlistLimit: EditText
-imagePoster: ImageView
-photoPlaceholderText: TextView
-imageUri:
- inputOccupantLimit: EditText
- checkboxWaitlist,imit: CheckBox
- btnSaveEvent: Button
- dbHelper: DatabaseHelper
- event: Event
+ OrganizerEditEventFragment()
+ onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
- loadEventData(event: Event): void
- saveEvent(): void
- formatTimestamp(timestamp: Timestamp): String
- convertToTimestamp(date: String): Timestamp
- isValidDateFormat(date: String): boolean
OrganizerDashboardFragment
-TAG:String = "OrganizerDashboard"
-eventsRecyclerView:RecyclerView
-fabCreateEvent:FloatingActionButton
-eventAdapter:EventAdapter
-eventList:List<Event>
-dbHelper: DatabaseHelper
+OrganizerDashboardFragment()
+onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
+onResume(): void
-loadEvents(): void
+ onEditSelected(event: Event): void
+ onDeleteSelected(event: Event): void
+ onEventClick(event: Event): void
OrganizerDeclinedEntrantsFragment
- recyclerView: RecyclerView
- noEntrantsMessage: TextView
- dbHelper: DatabaseHelper
- eventId: int
+ onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
- fetchDeclinedEntrants(): void
- setupRecyclerView(entrants: List<String>): void
DatabaseHelper
- db: FirebaseFirestore
- eventsRef: CollectionReference
- usersRef: CollectionReference
- adminsRef: CollectionReference
- adminAuthCodesRef: CollectionReference
- storageReference: StorageReference
- currentUserId: String
+ DatabaseHelper(context: Context)
+ isAdminUser(userId: String, callback: VerificationCallback)
+ storeAdminAuthCode(generatedCode: String, callback: Callback)
+ addUserToAdmins(deviceId: String, authCode: String, callback: Callback)
+ deleteAdminAuthCode(code: String, callback: Callback)
+ getCurrentUserId(): String
+ organizerFetchEvents(callback: EventsCallback)
+ fetchEventById(eventId: int, callback: EventsCallback)
+ createEvent(event: Event, callback: EventsCallback)
+ getEventCount(callback: CountCallback)
+ fetchAllEvents(callback: EventsCallback) + deleteEvent(eventId: int, callback: EventsCallback)
+ removeUser(userId: String)
+ fetchAllUsers(callback: UsersCallback)
+ addUser(userData: HashMap<String, Object>, imageUri: Uri)
+ fetchUserById(userId: String, callback: UsersCallback)
+ checkUserExists(callback: ProfileCallback)
+ getUserCount(callback: CountCallback)
+ uploadImageToFirebase(imageUri: Uri, field: String)
+ uploadPosterImageToFirebase(imageUri: Uri, callback: UploadCallback)
+ entrantFetchEvents(callback: EventsCallback)
+ entrantLeaveWaitingList(eventId: int, callback: StatusCallback)
+ entrantAcceptDeclineInvitation(eventId: int, action: String, callback: StatusCallback)
+ addEntrantWaitlist(eventId: int, userId: String, callback: EventsCallback)
AdminEventsFragment
- eventsAdapter: AdminRecyclerViewAdapter
- itemList: List<AdminListitemModel>
+ AdminEventsFragment()
+ onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
- fetchEvents(): void
+ onOptionOneClick(strEventId: String): void
+ onOptionTwoClick(strEventId: String): void
+ onOptionThreeClick(userId: String): void
+ newinstance(): AdminEntrantsProfilesFragment
OrganizerCreateEventFragment
-inputEventName:EditText
-inputEventLocation:EditText
-inputRegistrationOpens: EditText
-inputRegistrationDeadline:EditText
-inputEventDate: EditText
-inputEventDescription:EditText
-inputWaitlistLimit: EditText
-inputOccupantLimit: EditText
-checkboxWaitlistLimit: CheckBox
-btnCreateEvent: Button
-dbHelper: DatabaseHelper
+OrganizerCreateEventFragment()
+onCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState)
+createEvent()
+isValidDateFormat(String date)
+convertToTimestamp(String date)
OrganizerRegisteredEntrantsFragment
- recyclerView: RecyclerView
- noEntrantsMessage: TextView
- dbHelper: DatabaseHelper
- eventId: int
+onCreateView(inflater: Layoutinflater,container: ViewGroup, savedInstanceState: Bundle): View
- fetchRegisteredEntrants(): void
- setupRecyclerView(entrants: List<String>): void
OrganizerInvitedEntrantsFragment
- recyclerView: RecyclerView
- noEntrantsMessage: TextView
- dbHelper: DatabaseHelper
- eventId: int
+onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
- fetchInvitedEntrants(): void
- setupRecyclerView( List<String> entrants): void
OrganizerWaitingListFragment
- recyclerView: RecyclerView
- noEntrantsMessage: TextView
- dbHelper: DatabaseHelper
- eventId: int
+onCreateView(inflater: Layoutinflater, container: ViewGroup, savedInstanceState: Bundle): View
- fetchWaitlistedEntrants(): void
- setupRecyclerView(entrants: List<String>): void
EventAdapter
- events: List<Event>
-context: Context
- optionSelectedListener: OnEventOptionSelectedListener
- eventClickListener: OnEventClickListener
+ EventAdapter(context: Context, events: List<Event>, optionListener: OnEventOptionSelectedListener, eventClickListener: OnEventClickListener)
+ onCreateViewHolder(parent: ViewGroup, viewType: int): EventViewHolder
+ onBindViewHolder(holder: EventViewHolder, position: int): void
+ getItemCount(): int
EventViewHolder
- eventName: TextView
-eventDate: TextView
- eventId: TextView
- organizerId: TextView
- waitlistLimit: TextView
- eventGeolocation: TextView
- optionsMenu: ImageView
+EventViewHolder(itemView: View )
OnEventOptionSelectedListener
+ onEditSelected(event: Event): void
+ onDeleteSelected(event: Event): void
OnEventClickListener
+onEventClick(event: Event): void
EntrantAdapter
- entrantids: List<String>
+ EntrantAdapter(entrantids: List<String>)
+ onCreateViewHolder(parent: ViewGroup, viewType: int): EntrantViewHolder
+ onBindViewHolder(holder: EntrantViewHolder, position: int): void
+ getItemCount(): int
EntrantViewHolder
- entrantIdTextView: TextView
+ EntrantViewHolder(itemView: View)
Event
- eventId : int- eventName : String
- geolocation : GeoPoint
- organizerId : String
- posterUrl : String
- eventDate : Timestamp
- waitlistOpenDate : Timestamp
- waitlistDeadline : Timestamp
- waitlistLimit : int
- waitlistLimitFlag : boolean
- location : String
- description : String
- registeredEntrants : List<String>
- waitlistedEntrants : List<String>
- invitedEntrants : List<String>
- declinedEntrants : List<String>
- occupantLimit : int
- isLotteryRan : boolean
+ getEventId() : int
+ setEventId(eventId : int) : void
+ getEventName() : String
+ setEventName(eventName : String) : void
+ getGeolocation() : GeoPoint
+ setGeolocation(geolocation : GeoPoint) : void
+ getOrganizerId() : String
+ setOrganizerId(organizerId : String) : void
+ getPosterUrl() : String
+ setPosterUrl(posterUrl : String) : void
+ getEventDate() : Timestamp
+ setEventDate(eventDate : Timestamp) : void
+ getWaitlistOpenDate() : Timestamp
+setWaitlistOpenDate(waitlistOpenDate : Timestamp) : void
+ getWaitlistDeadline() : Timestamp
+setWaitlistDeadline(waitlistDeadline : Timestamp) : void
+ getWaitlistLimit() : int
+ setWaitlistLimit(waitlistLimit : int) : void
+ isWaitlistLimitFlag() : boolean
+setWaitlistLimitFlag(waitlistLimitFlag : boolean) : void
+ getLocation() : String
+ setLocation(location : String) : void
+ getDescription() : String
+ setDescription(description : String) : void
+ getRegisteredEntrants() : List<String>
+setRegisteredEntrants(registeredEntrants : List<String>) : void
+ getWaitlistedEntrants() : List<String>
+setWaitlistedEntrants(waitlistedEntrants : List<String>) : void
+ getInvitedEntrants() : List<String>
+setInvitedEntrants(invitedEntrants : List<String>) : void
+ getDeclinedEntrants() : List<String>
+setDeclinedEntrants(declinedEntrants : List<String>) : void
+ getOccupantLimit() : int
+ setOccupantLimit(occupantLimit : int) : void
+ isLotteryRan() : boolean
+ setLotteryRan(lotteryRan : boolean) : void
+ getFormattedEventDate() : String
+ getFormattedWaitlistOpenDate() : String
+ getFormattedWaitlistDeadline() : String
+ formatTimestamp(timestamp : Timestamp) : String
User
- userId: String
- firstName: String
- lastName: String
- emailAddress: String
- phoneNumber: String
- userGeolocation: GeoPoint
- userPhoto: String
- dateOfBirth: Timestamp
- facilityLocation: String
- facilityName: String
- facilityEmail: String
- facilityPhone: String
- facilityPhoto: String
- notificationFlag: boolean
- hostedEvents: List<Integer>
- joinedEvents: List<Integer>
+ User()
+ getUserId(): String
+ setUserId(userId: Object): void
+ getFirstName(): String
+ setFirstName(firstName: String): void
+ getLastName(): String
+ setLastName(lastName: String): void
+ getEmailAddress(): String
+ setEmailAddress(emailAddress: String): void
+ getPhoneNumber(): String
+ setPhoneNumber(phoneNumber: String): void
+ getUserGeolocation(): GeoPoint
+ setUserGeolocation(userGeolocation: GeoPoint): void
+ getUserPhoto(): String
+ setUserPhoto(userPhoto: String): void
+ getDateOfBirth(): Timestamp
+ setDateOfBirth(dateOfBirth: Timestamp): void
+ getFacilityLocation(): String
+ setFacilityLocation(facilityLocation: String): void
+ getFacilityName(): String
+ setFacilityName(facilityName: String): void
+ getFacilityEmail(): String
+ setFacilityEmail(facilityEmail: String): void
+ getFacilityPhone(): String
+ setFacilityPhone(facilityPhone: String): void
+ getFacilityPhoto(): String
+ setFacilityPhoto(facilityPhoto: String): void
+ isNotificationFlag(): boolean
+ setNotificationFlag(notificationFlag: boolean): void
+ getHostedEvents(): List<Integer>
+ setHostedEvents(hostedEvents: List<Integer>): void
+ getJoinedEvents(): List<Integer>
+ setJoinedEvents(joinedEvents: List<Integer>): void