0…\*

0…\*

0…\*

Stored in Firebase database

Retrieves invite data from

1

1

Creates

instance of

1

1

MyInvitesActivity

1

1

MyEventsActivity

Creates instance of

startActivity(AuthenticationActivity : Intent)

startActivity(CreateEventActivity : Intent)

startActivity(MyEventsActivity : Intent)

startActivity(MyInvitesActivity : Intent)

MainActivity

1

Retrieves event data from

1

1

Creates an object

1

1

1

Returns

user to

1

Creates

instance of

Stored in

name : String

address : String

date : String

time : String

houseRules : EditText

privacy : boolean

houseRulesEvent

houseRulesEvent()

houseRulesEvent(name : String, address : String, date : String, time : String, houseRules : EditText, privacy : boolean)

setName(newName : String)

setAddress(newAddress : String)

setDate(newDate : String)

setTime(newTime : String)

setHouseRules(newHouseRules : EditText)

setPrivacy(newPrivacy : boolean)

getName() : String

getAddress() : String

getDate() : String

getTime() : String

getHouseRules() : EditText

getPrivacy : boolean

Retrieves verifications from Firebase authentication system

0…\*

Uses sign in data to create object

1

Returns

authenticated

user to

1

startActivity(MainActivity : Intent)

startActivityForResult(SignInActivity : Intent, GoogleIdpConfig : int)

AuthenticationActivity

CreateEventActivity

**Firebase**

Creates

instance of

1

fullName : String

screenName : String

email : String

hostEventNum : int

attendEventNum : int

hostEventList : ArrayList<houseRulesEvent>

attendEventList : ArrayList<houseRulesEvent>

isHost : boolean

houseRulesUser()

houseRuesUser(fullName : String, screenName : String, email : String)

getFullName() : String

getScreenName() : String

getEmail() : String

getHostEventNum : int

getAttendEventNum : int

setFullName(fullName : String)

setEmail(email : String)

setScreenName(screenName : String)

addHostEvent(newHostEvent : houseRulesEvent)

addAttendEvent(newAttendEvent : houseRulesEvent)

removeHostEvent(position : int)

removeAttendEvent(position : int)

attendingEvent(event1 : houseRulesEvent) : boolean

houseRulesUser