



# Composition **Directed association**

#### **Authenticator**

- + constructor(initFirebase)
- + initRegister()
- + initLogin()
- + googleLogin()
- + addAdditionalInfo()
- + signOut()
- + updateEmail()
- + updatePassword()
- + deleteUserProfile()

#### Location

- + zip: String + city: String
- + street: String
- + calculateDistanceUser()

### **PanicData**

- + location: Location
- + user: User
- + alertUsers()
- + reportToMeldet()

#### MeldetData

- + user: User + category: String
- + date: DateTime
- + description: String

## UserGroup + users: [User] User + hasAvatar: Boolean + firstname: String + lastname: String + username: String + avatar: String + phone: String + createEvent(Event) + editProfile() + reportToMeldet() **Participant** Host + user: User + user: User + joinEvent() + cancelEvent() + rejectEvent() + inviteUsers()

#### **Event**

- + title: String
- + description: String
- + street: String
- + number: String
- + zip: Number
- + city: String of City entity
- + host: Host
- + invitedUsers: [User]
- + joinedUsers: [User]
- + rejectedUsers: [Users]
- + picture: String
- + start: DateTime
- + end: DateTime
- + createdOn: DateTime
- + editedOn: DateTime
- + comments: [Comment]

#### Comments

- + user: User
- + createdOn: DateTime
- + + message: String
- + postComment()

