LEGEND

- Association
- Inheritance
- Aggregation
- Singleton

Router
- instance: Router

- Router();
- getInstance() : Router

Component
+ name: string
+ model: array
+ routerPath: string
+ componentContainer
+ authenticator: Authenticator

+ method(type): type

Location
+ street : string
+ number: string
+ city: string
+ coords: array
+ takeCareUserInfo: array
+ user: User
+ firestore: Firebase

+ checkLocation();
+ fetchLocation();
+ fetchAdressByCoords();
+ setLocationData();
+ autoAdressFill();
+ setEventLocationData();
+ calculateDistanceBetweenPoints();
+ listenForPositionChanges();
+ getUsersCoords();
+ checkIfInEventRadius();
+ updatePositionUsers();
+ getCurrentPosition();

Chatroom
+ uid : string
+ firestore: Firebase
+ user: User
+ audio: AudioSound

+ getFriendsChatrooms();
+ getEventChatrooms();
+ sendMessage();
+ getMessages();
+ changeDate();

Report
+ title: string
+ adress: string
+ description: string
+ category: string

+ getInformation();
+ SubmitReport();

AudioSound
+ field: type

+ playMessage();
+ playEventActive();
+ playPanicPopup();
+ playloginAccetped();

UserGroup
+ allUsers: array
+ friends: array
+ acceptedUsers: array
+ friendRequests: array
+ auth: Firebase
+ storage: Firebase
+ firestore: Firebase

+ getAllUsers();
+ getAllFriends();

Panic
+ location : Location
+ firestore: Firebase
+ user: User
+ audio: AudioSound

+ sendAlert();
+ removeAlert();
+ listenForPanics();

LocalStorage
+ avatarImageUrl: string
+ fullName: string
+ email: string
+ user: object
+ friend: object
+ animationLoaded: bool
+ currentPositionCoords: array
+ chatroomID: string
+...

User
super()
+ email : string
+ username : string
+ firstName : string
+ lastName : string
+ phoneNumber: string
+ avatar: string
+ uid: string
+ password: string

+ addFriends();
+ showFriendRequests();
+ acceptFriendRequests();
+ rejectFriendRequests();
+ removeFriend();
+ getSpecificFriend();
+ showFriends();
+ setUserInfo();
+ checkIfFriends();
+ uploadAvatar();
+ getAvatar();
+ updateUserImage();
+ updateUserInfo();
+ getAccountData();
+ deleteAllUserData();
+ deleteAccount();

Event
+ uid : string
+ name : string
+ description: string
+ invitedUsers : array
+ date : string
+ eventBanner : string
+ startTime : DateTime
+ endTime : DateTime
+ createdOn : DateTime
+ storage: Firebase
+ firestore: Firebase
+ location : Location
+ audio: AudioSound
+ host : Host

+ showParticipants(); :
+ isEventActive();
+ compareDate();
+ eventActivePopup();
+ getHostedEvents();
+ getEventInvitations();
+ getUpcomingEvents();
+ getSpecificEvent();
+ ModifyDate();
+ modifyDateFull();

Participant
super()
+ uid: string

+ acceptInvite();
+ rejectInvite();
+ leaveEvent();

Host
super()
+ uid :string
+ location : Location

+ createEvent();
+ editEvent();
+ uploadEventBanner();
+ InviteMoreFriends();
+ StoreAllInvitedUsers();
+ deleteEvent();