Register

Register sequence diagram with the following participants and messages:

Participants: View, Register, Register Facade, AppUsersEntinty

- OnRegister(Username, Password) — View to Register
- Optional [if no username]: redirect to register with error message
- SetUserName(username) — Register to AppUsersEntinty
- Optional [if no password]: redirect to register with error message
- setUserPassword(password) — Register to AppUsersEntinty
- checkUsername(username) — Register to Register Facade
- createdQuery() — Register Facade to AppUsersEntinty
- List
- Optional [if exception]: exception / redirect to register with error message
- create(appUsersEntity) — Register to Register Facade
- redirect to login page

Add activity

Add activity sequence diagram with the following participants and messages:

Participants: View, AddActivity, HTTP Request, ActivityFacade, AppUserSession, ActivityEntinty, LocationEntity

- Add Activity — View to AddActivity
- getUser() — AddActivity to AppUserSession
- AppUserEntity
- opt [Logged In]:
  - SetTitle(title)
  - SetDescription(description)
  - SetType(type)
  - getCity(lat,long) — AddActivity to HTTP Request
  - Return city
  - setLatitiude(lat)
  - setLong(lng)
  - setCity(city)
  - getUser()
  - setAppUser(UserSession)
  - setLocationByLocationID(loc)
  - create(activity) — AddActivity to ActivityFacade
- Change View

SearchActivity

SearchActivity sequence diagram with the following participants and messages:

Participants: View, Search, Search Results, ActivityFacade, ActivityEntinty

- setText(text) — View to Search
- setSearchEnum(type) — View to Search
- Search() — View to Search Results
- getText()
- getSearchEnum()
- Alternative [If serching by type]:
  - FindByType(String type) — Search Results to ActivityFacade
  - createQuery() — ActivityFacade to ActivityEntinty
  - List<ActivityEntities>
  - List<ActivityEntities>
- [If searching by city]:
  - FindByCity(String type) — Search Results to ActivityFacade
  - createQuery() — ActivityFacade to ActivityEntinty
  - List<ActivityEntities>
  - List<ActivityEntities>
- Return results view