

PowerService - done
- powerDao PowerDao

SuperPersonService - done
- superPersonDao SuperPersonDao

SightingService- done
- sightingDao SightingDao

LocationService - done
- locationDao LocationDao

AddressService
- addressDao AddressDao

OrganizationService
- organizationDao OrganizationDao

- superPersonService SuperPersonService
+ createPower(Power): Power
+ getAllPowers(): List<Power>
+ getPowerById (Integer): Power
+ updatePower(Power): Power
+ deletePower(Integer): Power

- organizationDao: OrganizationDao
- powerDao: PowerDao
- sightingDao: SightingDao
- superPersonOrganizationDao SuperPersonOrganizationDao
- superPersonPowerDao SuperPersonPowerDao
- superPersonSightingDao SuperPersonSightingDao
+ addSuperPersonToPower(SuperPerson, Power): SuperPersonPower
+ addSuperPersonToPower(Integer, Integer): SuperPersonPower
+ deleteSuperPersonFromPower(SuperPerson, Power): SuperPersonPower
+ getAllSuperPersonsBySightingLocation (Location): List<SuperPerson>
+ addSuperPersonToOrganization(SuperPerson, Organization): SuperPersonOrganization
+ addSuperPersonToOrganization(Integer, Integer): SuperPersonOrganization
+ removeSuperPersonFromOrganization(SuperPerson, Organization): SuperPersonOrganization
+ getAllSuperPersonsByOrganization (Organization): List<SuperPerson>
+ removeSuperPersonFromPower(Integer, Integer): SuperPersonPower
+ createSuperPerson(SuperPerson): SuperPerson
+ removeSuperPersonFromOrganization(Integer, Integer): SuperPersonOrganization
+ removeSuperPersonFromSighting(Integer, Integer): SuperPersonSighting
+ getAllSuperPersonsBySighting (Sighting): List<SuperPerson>
+ addSuperPersonToSighting(SuperPerson, Sighting): SuperPersonSighting
+ removeSuperPersonFromSighting(SuperPerson, Sighting): SuperPersonSighting
+ addSuperPersonToSighting(Integer, Integer): SuperPersonSighting
+ getAllSuperPersons(): List<SuperPerson>
+ getSuperPersonById(Integer): SuperPerson
+ updateSuperPerson(SuperPerson): SuperPerson
+ deleteSuperPerson(Integer): SuperPerson

- superPersonService SuperPersonService
+ getAllSightingsByDate (LocalDate): List<Sighting>
+ createSighting(Sighting): Sighting
+ deleteSighting(Integer): Sighting
+ getSightingById(Integer): Sighting
+ getAllSightings(): List<Sighting>
+ updateSighting(Sighting): Sighting

PowerDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_POWER: String
- SQL_GET_POWER: String
- SQL_UPDATE_POWER: String
- SQL_DELETE_POWER: String
- SQL_LIST_POWER: String
+ createPower(Power power): Power
+ getAllPowers(): List<Power>
+ getPowerById (Integer powerId): Power
+ updatePower(Power power): Power
+ removePower (Integer): Power

SuperPersonPowerDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_SUPERPERSON_POWER: String
- SQL_GET_SUPERPERSON_POWER: String
- SQL_UPDATE_SUPERPERSON_POWER: String
- SQL_DELETE_SUPERPERSON_POWER: String
- SQL_LIST_SUPERPERSON_POWER
+ deleteSuperPersonPower (Integer): SuperPersonPower
+ updateSuperPersonPower(SuperPersonPower): SuperPersonPower
+ getSuperPersonPowerById (Integer powerId): SuperPersonPower
+ getAllSuperPersonPowers(): List<SuperPersonPower>
+ createSuperPersonPower(SuperPersonPower power): SuperPersonPower

SuperPersonDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_SUPERPERSON: String
- SQL_GET_SUPERPERSON: String
- SQL_UPDATE_SUPERPERSON: String
- SQL_DELETE_SUPERPERSON: String
- SQL_LIST_SUPERPERSON: String
+ deleteSuperPerson (Integer): SuperPerson
+ createSuperPerson(SuperPerson): SuperPerson
+ getAllSuperPersons(): List<SuperPerson>
+ getSuperPersonById (Integer): SuperPerson
+ updateSuperPerson(SuperPerson): SuperPerson
+ getAllSuperPersonsBySighting (Sighting): List<SuperPerson>
+ getAllSuperPersonsBySightingLocation (Location): List<SuperPerson>
+ getAllSuperPersonsByOrganization (Organization): List<SuperPerson>

SuperPersonSightingDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_SUPERPERSON_SIGHTING: String
- SQL_GET_SUPERPERSON_SIGHTING: String
- SQL_UPDATE_SUPERPERSON_SIGHTING: String
- SQL_DELETE_SUPERPERSON_SIGHTING: String
- SQL_LIST_SUPERPERSON_SIGHTING: String
+ deleteSuperPersonSighting (Integer): SuperPersonSighting
+ updateSuperPersonSighting(SuperPersonSighting): SuperPersonSighting
+ getSuperPersonSightingById (Integer): SuperPersonSighting
+ getAllSuperPersonSightings(): List<SuperPersonSighting>
+ createSuperPersonSighting(SuperPersonSighting): SuperPersonSighting

- jdbcTemplate: JdbcTemplate
- SQL_INSERT_SUPERPERSON_SIGHTING: String
- SQL_GET_SUPERPERSON_SIGHTING: String
- SQL_UPDATE_SUPERPERSON_SIGHTING: String
- SQL_DELETE_SUPERPERSON_SIGHTING: String
- SQL_LIST_SUPERPERSON_SIGHTING: String
+ createSighting(Sighting): Sighting
+ removeSighting(Integer): Sighting
+ getSightingById(Integer): Sighting
+ getAllSightings(): List<Sighting>
+ updateSighting(Sighting): Sighting
+ getAllSightingsByDate (LocalDate): List<Sighting>

+ <b>getAllLocationsBySuperPersonId (Integer): List&lt;Sighting&gt;</b>
+ addLocation(Location): Location
+ getLocationById(Integer): Location
+ getAllLocations(): List<Location>
+ updateLocation(Location): Location
+ removeLocation(Location): Location

+ createAddress(Address): Address
+ getAllAddresses(): List<Address>
+ getAddressById(Integer): Address
+ updateAddress(Address): Address
+ deleteAddress(Integer): Address

- superPersonService SuperPersonService
+ <b>getAllOrganizationsBySuperPerson</b>
+ addOrganization(Organization): Organization
+ getOrganizationById(Organization): Organization
+ getAllOrganizations(): List<Organization>
+ updateOrganization(Organization): Organization
+ deleteOrganization(Organization): Organization

SightingDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_SIGHTING: String
- SQL_GET_SIGHTING: String
- SQL_UPDATE_SIGHTING: String
- SQL_DELETE_SIGHTING: String
- SQL_LIST_SIGHTING: String
+ createSighting(Sighting sighting): Sighting
+ getSighting (Integer): Sighting
+ getSightingById (Integer SightingId): Power
+ getAllSightings(): List<Sighting>
+ updateSighting(Sighting sighting): Sighting
+ removeSighting (LocalDate): List<Sighting>

LocationDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_LOCATION: String
- SQL_GET_LOCATION: String
- SQL_UPDATE_LOCATION: String
- SQL_DELETE_LOCATION: String
- SQL_LIST_LOCATION: String
+ createLocation(Location): Location
+ getLocationById (Integer): Power
+ getAllLocations(): List<Location>
+ updateLocation(Location): Location
+ removeLocation(Location): Location
+ <b>getAllLocationsBySuperPerson (SuperPerson): List&lt;Location&gt;</b>

AddressDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_ADDRESS: String
- SQL_GET_ADDRESS: String
- SQL_UPDATE_LOCATION: String
- SQL_DELETE_LOCATION: String
- SQL_LIST_LOCATION: String
+ createAddress(Address): Address
+ updateAddress(Address): Address
+ getAllAddresses(Address): List<Address>
+ getAddressById (Integer): Address
+ removeAddress (Integer): Address

SuperPersonOrganizationDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_SUPERPERSON_ORGANIZATION
- SQL_GET_SUPERPERSON_ORGANIZATION: String
- SQL_UPDATE_SUPERPERSON_ORGANIZATION: String
- SQL_DELETE_SUPERPERSON_ORGANIZATION: String
- SQL_LIST_SUPERPERSON_ORGANIZATION: String
+ createSuperPersonOrganization(Sighting sighting): SuperPersonOrganization
+ updateSuperPersonOrganization(Sighting sighting): Sighting
+ getAllSuperPersonOrganizations(): List<Sighting>
+ getSuperPersonOrganizationById (Integer SightingId): Power
+ removeSuperPersonOrganization(Integer): Sighting

OrganizationDao
- jdbcTemplate: JdbcTemplate
- SQL_INSERT_ORGANIZATION: String
- SQL_GET_ORGANIZATION: String
- SQL_UPDATE_ORGANIZATION: String
- SQL_DELETE_ORGANIZATION: String
- SQL_LIST_ORGANIZATION: String
+ createOrganization(Organization organization): Organization
+ removeOrganization(Integer): Organization
+ getOrganizationById (Integer OrganizationId): Organization
+ getAllOrganizations(): List<Organization>
+ updateOrganization(Oranzation organization): Organization
+ List<Organization> getAllOrganizationsBySuperPerson

Power
- powerId: Integer
- name: String
+ getters
+ setters

SuperPersonPower
- superPersonPowerId: Integer
- SuperPerson: <span>superPerson</span>
- Power: <span>power</span>
+ getters
+ setters

SuperPerson
- superPersonId: Integer
- name: String
- description: String
- isGood: boolean
+ getters
+ setters

Location
- locationId: Integer
- name: String
- description: String
- Address: <span>address</span>
- latitude: String
- longitude: String
+ getters
+ setters

SuperPersonOrganization
- superPersonOrganizationId: Integer
- SuperPerson: <span>superPerson</span>
- Organization: <span>organization</span>
+ getters
+ setters

Organization
- organizationId: Integer
- name: String
- description: String
- Location: <span>location</span>
- phone: String
- isGood: Boolean
+ getters
+ setters

SuperPersonSighting
- superPersonSightingId: Integer
- SuperPerson: superPerson
- Sighting: sighting
+ getters
+ setters

Sighting
- sightingId: Integer
- date: DateTime
- Location: location
- description: String
+ getters
+ setters

Address
- addressId: Integer
- street: String
- city: String
- state: String
- zipCode: String
+ getters
+ setters