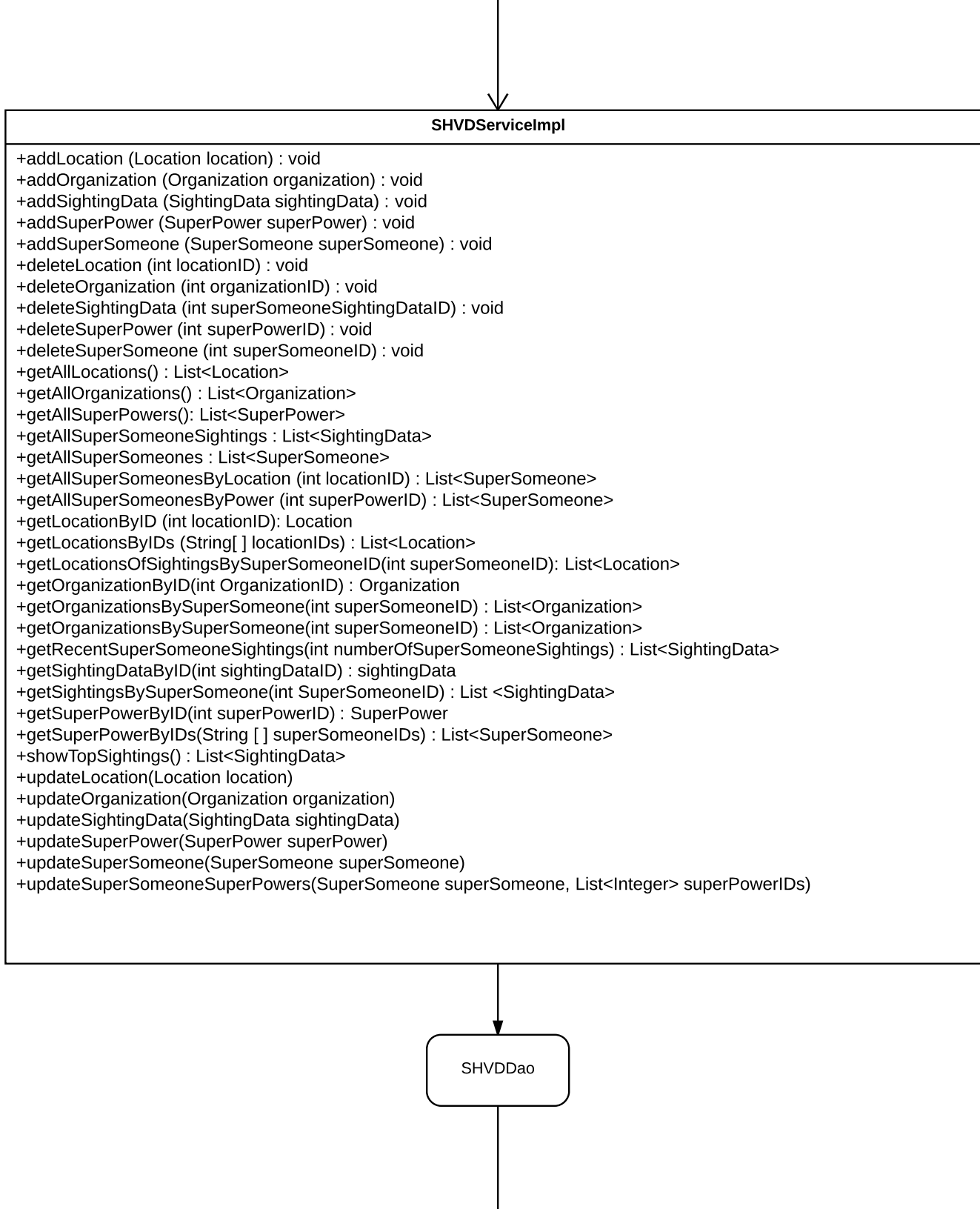


Spencer Shandonay
SHVD UML





SHVDDaoJdbcTemplateImpl

```
+addLocation (Location location) : void
+addOrganization (Organization organization) : void
+addSightingData (SightingData sightingData) : void
+addSuperPower (SuperPower superPower) : void
+addSuperSomeone (SuperSomeone superSomeone) : void
+deleteLocation (int locationID) : void
+deleteOrganization (int OrganizationID) : void
+deleteSightingData (int superSomeoneSightingDataID) : void
+deleteSuperPower (int superPowerID) : void
+deleteSuperSomeone (int superSomeoneID) : void
+findLocationsForOrganization(Organization organization) : List<Location>
+getAllLocations() : List<Location>
+getAllOrganizations() : List<Organization>
+getAllSightingData() : List<SightingData>
+getAllSuperPowers() : List<SuperPower>
+getAllSuperSomeones() : List<SuperSomeone>
+getAllSuperSomeonesByLocation(int locationID) : List<SuperSomeone>
+getAllSuperSomeonesByPower(int superPowerID) : List<SuperSomeone>
+getLocationByID(int locationID) : Location
-getLocationForSightingData(SightingData sightingData) : Location
+getLocationsBySuperSomeoneID(int superSomeoneID) : List<Location>
-getLocationsForOrganization(Organization organization) : List<Location>
+getLocationsOfSightingsBySuperSomeoneID(int superSomeoneID) : List<Location>
-getMembersForOrganization(Organization organization) : List<SuperSomeone>
+getOrganizationByID(int organizationID) : Organization
+getOrganizationsByLocationID(int locationID) : List<Organization>
+getOrganizationsBySuperSomeone (int superSomeoneID) : List<Organization>
+getRecentSuperSomeoneSightings(int numberOfSuperSomeoneSightings) : List <SightingData>
+getSightingDataByID(int SuperSomeoneSightingDataID) : SightingData
+getSightingsBySuperSomeone(int SuperSomeoneID) : List<SightingData>
+getSuperPowerByID(int superPowerID) : SuperPower
-getSuperPowersOfSuperSomeone(SuperSomeone superSomeone) : List<SuperPower>
+getSuperSomeoneByID(int superSomeoneID) : SuperSomeone
-getSuperSomeoneForSightingData(SightingData sightingData) : List<SuperSomeone>
+getSuperSomeoneSightingsByDate(LocalDate date) : List<SightingData>
+getSuperSomeonesByLocationID(int locationID) : List<SuperSomeone>
-insertOrganizationLocation(Organization organization) : void
-insertOrganizationMember(Organization organization) : void
-insertSuperSomeoneSuperPower(SuperSomeone superSomeone) : void
-linkMembersAndLocationsWithOrganization(List<Organization> organizationList) : List<Organization>
-linkSuperHeroAndLocationWithSightingData(List<SightingData> sightingList) : List<SightingData>
-linkSuperPowersWithSuperSomeones(List<SuperSomeone> superSomeoneList) : List<SuperSomeone>
-saveSighting(SightingData sightingData) : void
+setJdbcTemplate(JdbcTemplate jdbcTemplate) : void
+showTopSightings() : List<SightingData>
+updateLocation(Location location) : void
+updateOrganization (Organization organization) : void
+updateSightingData(SightingData sightingData) : void
+updateSuperPower(SuperPower superPower) : void
+updateSuperSomeone(SuperSomeone superSomeone) : void
```

Model: Location

```
+getLocationCity() : String
+getLocationCountry() : String
+getLocationDescription() : String
+getLocationID() : int
+getLocationLatitude() : BigDecimal
+getLocationLongitude() : BigDecimal
+getLocationName : String
+getLocationState : String
+getLocationStreet : String
+setLocationCity(String locationCity) : void
+setLocationCountry(String locationCountry) : void
+setLocationDescription(String locationDescription) : void
+setLocationID(int locationID) : void
+setLocationLatitude(BigDecimal locationLatitude) : void
+setLocationLongitude(BigDecimal locationLongitude) : void
+setLocationName(String locationName) : void
+setLocationState (String locationStreet) : void
+setLocationStreet (String locationStreet) : void
```

Model: Organization

```
Model: Organization
+getLocationList() : List<Location>
+getMemberList() : List<SuperSomeone>
+getOrganizationContact() : String
+getOrganizationDescription() : String
+getOrganizationID() : int
+getOrganizationName() : String
+getOrganizationType() : String
+setLocationList(List<Location> locationList) : void
+setMemberList(List<SuperSomeone> memberList) : void
+setOrganizationContact (String organizationContact) : void
+setOrganizationDescription (String organizationDescription) : void
+setOrganizationID (int organizationID) : void
+setOrganizationName (String organizationName) : void
+setOrganizationType (String organizationType) : void
```

Model: SightingData

```
Model: SightingData
+getLocation() : Location
+getLocationID() : int
+getSuperSomeoneSightingList() : List<SuperSomeone>
+getSuperSomeoneSightingDate() : LocalDate
+getSuperSomeoneSightingDescription() : String
+setLocation() : Location location
+setLocationID() : int locationID
+setSuperSomeoneSightingList(List<SuperSomeone> superSomeoneList) : void
+setSuperSomeoneSightingDate(LocalDate superSomeoneSightingDate) : void
+setSuperSomeoneSightingDescription(String superSomeoneSightingDescription) : void
```

Model: SuperPower

```
+getSuperPowerDescription(): String
+getSuperPowerID() : int
+getSuperPowerName() : String
+setSuperPowerDescription(String superPowerDescription) : void
+setSuperPowerID(int superPowerID) : void
+setSuperPowerName(String superPowerName) : void
```

Model: SuperSomeone

```
+getSuperPowerList() : List<SuperPower>
+getSuperSomeoneAlias(): String
+getSuperSomeoneDescription() : String
+getSuperSomeoneID() : int
+getSuperSomeoneName() : String
+getSuperSomeoneType() : String
+setSuperPowerList(List<SuperPower> superPowerList) : void
+setSuperSomeoneAlias(String superSomeoneAlias) : void
+setSuperSomeoneDescription(String superSomeoneDescription) : void
+setSuperSomeoneID(int superSomeoneID) : void
+setSuperSomeoneName(String superSomeoneName) : void
+setSuperSomeoneType(String superSomeoneType) : void
```