

Electronic Devices

UML

SchemaGraphQL

Querles (Finds, Gets)

Mutations (Create, Update & Delete=)

SubType

-Int subTypeId
-String description
-List<Type> types

GraphQL
+findAllSubTypes()
+findSubTypeById(Integer subTypeId)
+createSubType(SubType inputSubType)
+deleteSubType(SubType inputSubType)
+deleteSubType(Integer subTypeId)

Type

-Int typeId
-String description
-String characteristics
-List<ElectronicDevice> electronicDevices
-SubType subType

GraphQL
+findAllTypes()
+findTypeById(Integer typeId)
+findTypeBySubTypeId(Integer subTypeId)
+createType(Type inputType)
+updateType(Type inputType)
+deleteType(Integer typeId)

Component

-long componentId
-String specs
-long manufacturerId
-Manufacturer manufacturers
-List<ComponentDevice> componentDevices
-List<Modification> modifications

GraphQL
+findAllComponents()
+findComponentsById(Integer componentId)
+findComponentsByManufacturerId(Integer manufacturerId)
+createComponent(Component inputComponent)
+updateComponent(Component inputComponent)
+deleteComponent(Integer componentId)

ComponentDevice

-long componentDeviceId
-long componentId
-long deviceId
-long quantity
-Component components
-ElectronicDevice electronicDevice

GraphQL
+findAllComponentDevices()
+findComponentDevicesByComponentId(Integer componentId)
+findComponentDevicesByDeviceId(Integer deviceId)
+findComponentDeviceByComponentDeviceId(Integer deviceId)
+createComponentDevice(ComponentDevice inputComponentDevice)
+updateComponentDevice(ComponentDevice inputComponentDevice)
+deleteComponentDevice(Integer componentDevice)

ElectronicDevice

-Int deviceId
-String description
-Int typeId
-Type type
-List<ComponentDevice> componentDevices
-List<Repair> repairs

GraphQL
+findAllElectronicDevice()
+findElectronicDeviceById(Integer id)
+findElectronicDeviceByTypeId(Integer typeId)
+createElectronicDevice(ElectronicDevice inputDevice)
+updateElectronicDevice(ElectronicDevice inputDevice)
+deleteElectronicDevice(Integer electronicDeviceId)

Manufacturer

-long manufacturerId
-String rif
-String fiscalDomain
-List<Component> components

GraphQL
+findAllManufacturers()
+findManufacturerById(Integer manufacturerId)
+createManufacturer(Manufacturer inputManufacturer)
+updateManufacturer(Manufacturer inputManufacturer)
+deleteManufacturer(Integer manufacturerId)

Modification

-long id
-String description
-long idComponent
-Repair repairId
-Component componentId

GraphQL
+findModificationById()
+findAllModifications()
+createModification(Modification inputModification)
+updateModification(Modification updateModification)
+deleteModification(Integer deleteModification)
+findModificationByRepairId(Integer numRepairId)

Repair

-long id
-String description
-Client idClient
-long idApparatus
-Date repairDate
-List<Modification> modifications
-ElectronicDevice electronicDevices

GraphQL
+findAllRepairs()
+findRepairById(Integer idRepair)
+createRepair(Repair inputRepair)
+updateRepair(Repair updateRepair)
+deleteRepair(deleteRepair)
+findRepairByNumIdClient(Integer numberIdClient)
+findRepairByElectronicDevices(Integer idApparatus)

Client

-long id
-String name
-long document
-String address
-long phone
-String email
-List<Repair> repairs

GraphQL
+findClientById()
+findAllClient()
+createClient(Client inputClient)
+updateClient(Client updateClient)
+deleteClient(Integer deleteClient)