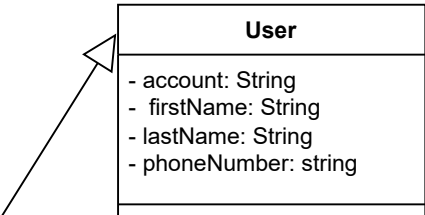
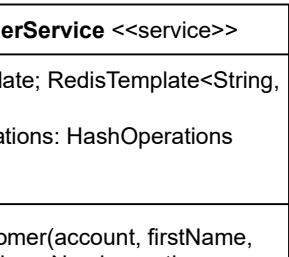
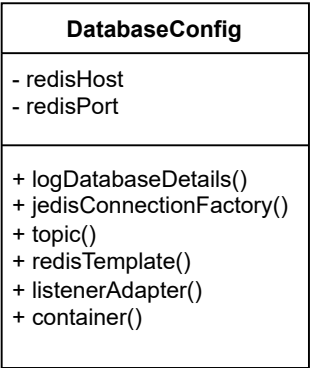
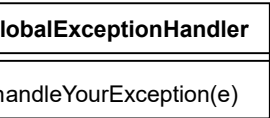


G
+ h

CustomerApiController
- customerService
+makeCustomer() +getAllCustomers()



Customer
- redisTemp Objec> - hashOpera
+makeCusto



lastName, p
credit, lat, lo
+ forEachCU
+ getCustom
+ deductCre

SettingApiController
- deliveryService
+getFuelEfficiency() +setFuelEfficiency() +getRefuellingRate() +setRefuellingRate()

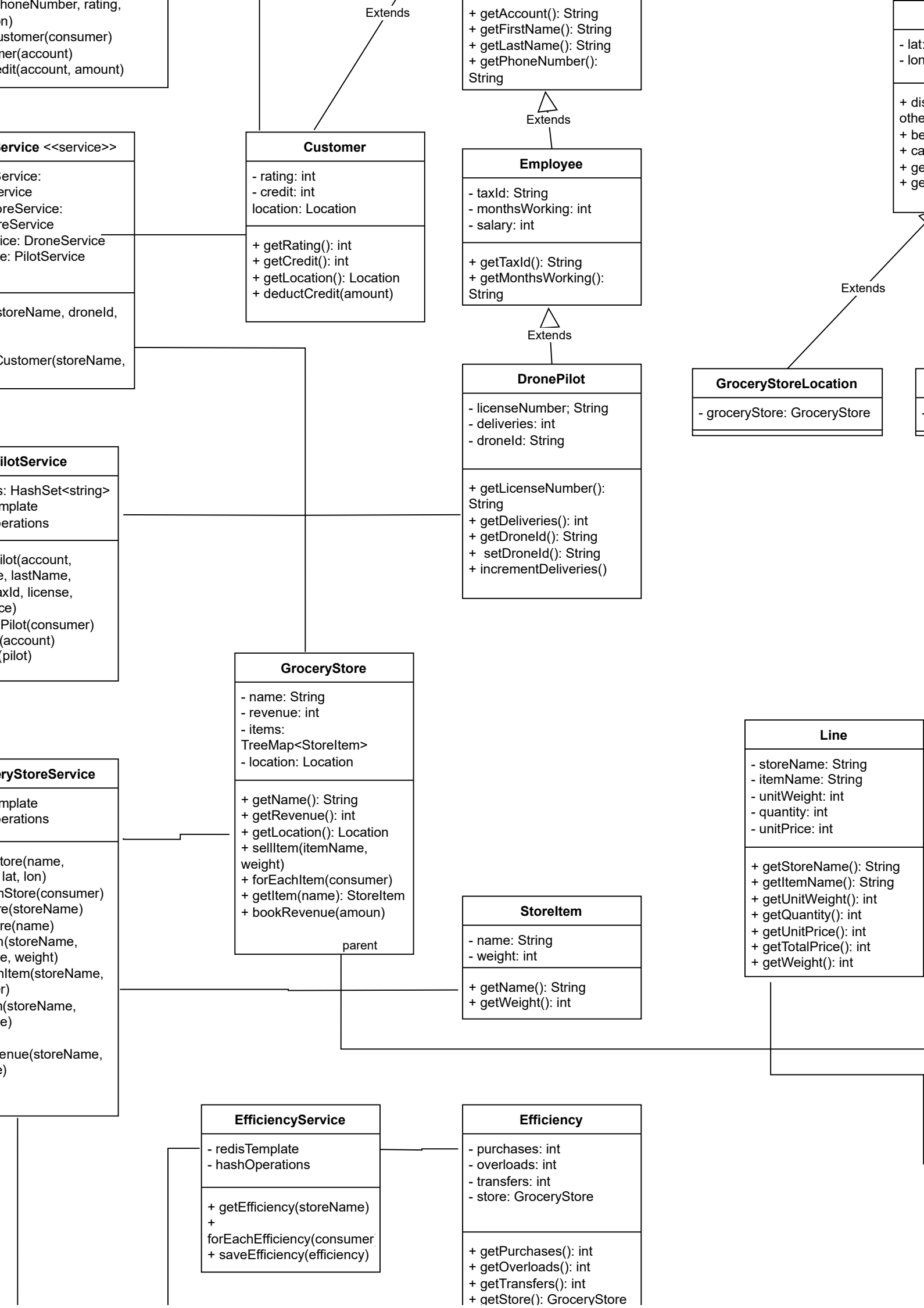
DeliveryS
- customerS CustomerSe - grocerySto GroceryStor - droneServ - pilotServic
+ flyDrone(s pilotId) + distanceToC account)

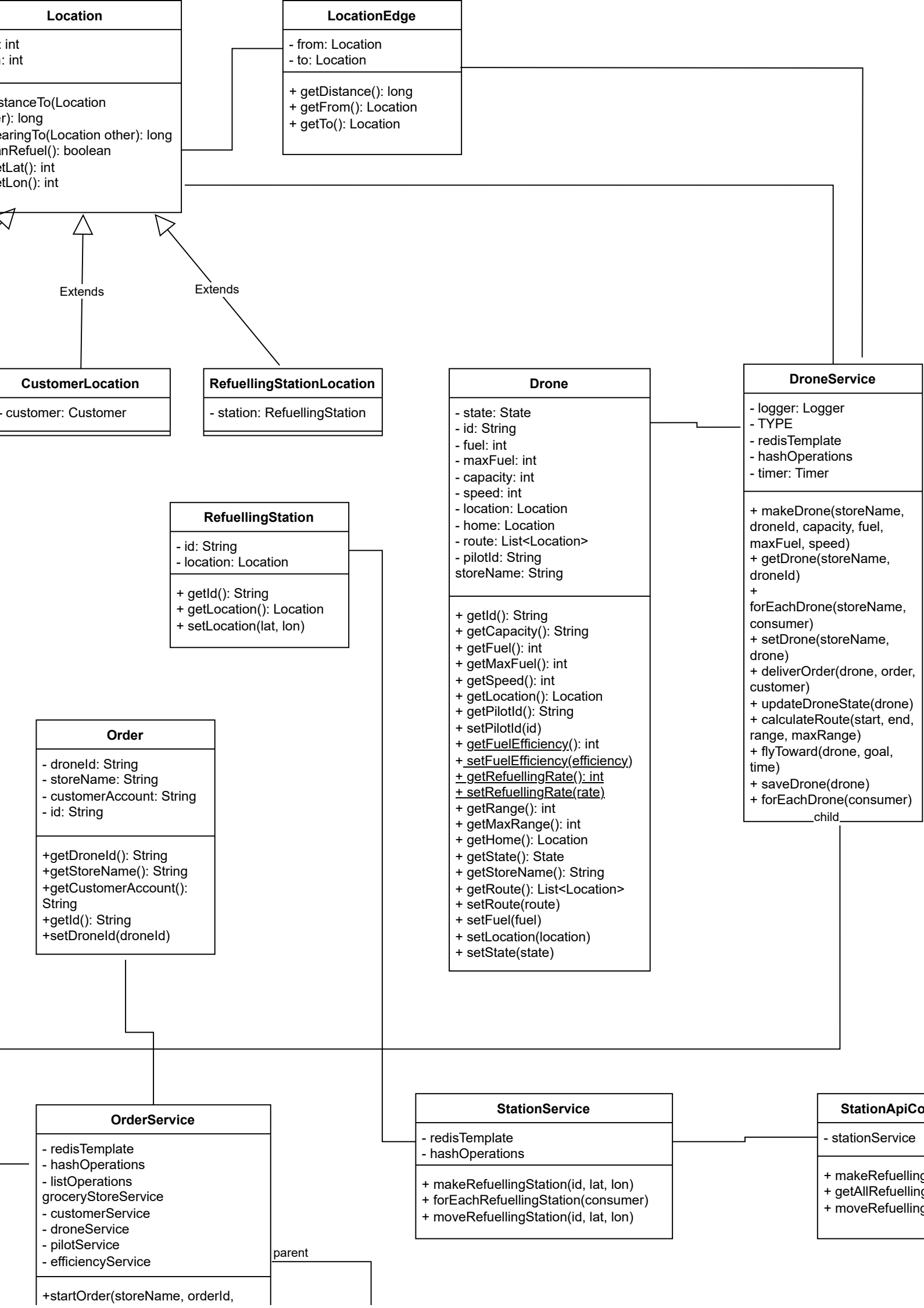
PilotApiController
- pilotService - deliveryService
+ makeDronePilot() + getAllDronePilots() + flyDrone()

P
- licenses - redisTer - hashOp
+ makeP firstName phone, ta experien +forEach +getPilot +setPilot

StoreApiController
- groceryStoreService - deliveryService
+makeStore() +getAllStores() +getStore() +sellItem() +getItems() +storeDistance()

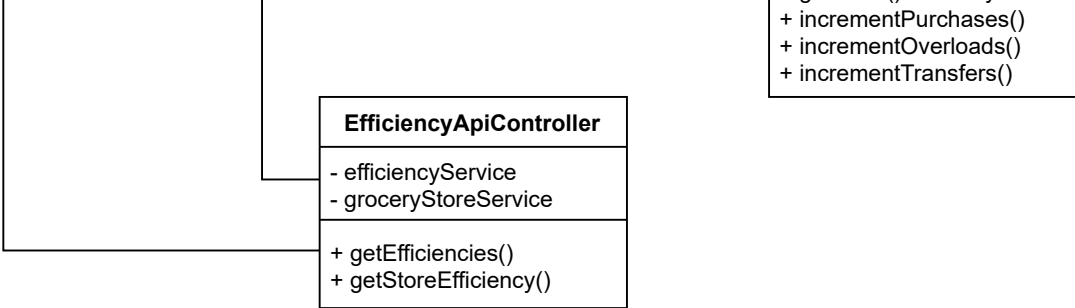
Groce
- redisTer - hashOp - logger
+ makeS revenue, + forEach + getStor + hasSto + sellItem itemName + forEach consume + getItem itemName + bookRev totalPrice





DroneApiController
- droneService
+makeDrone() +getAllDrones()

Controller
gStation() gStations() gStation()



DeliveryServiceException

CustomerCantAffordException

CustomerExistsException

CustomerNotFoundException

DroneCantCarryException

DroneExistsException

DroneNeedsFuelException

DroneNeedsPilotException

DroneNotFoundException

InsufficientCapacityException

ItemAlreadyOrderedException

ItemExistsException

ItemNotFoundException

LicenseExistsException

NoSuchRouteException

OrderExistsException

OrderNotFoundException

PilotExistsException

PilotNotFoundException

StationExistsException

StationNotFoundException

StoreExistsException

StoreNotFoundException

dronelId, account)
+forEachOrder(storeName, consumer)
+getOrder(storeName, orderId)
+requestItem(storeName, orderId, itemName, quantity, unitPrice)
+hasOrder(storeName, orderId)
+purchaseOrder(storeName, orderId)
+cancelOrder(storeName, orderId)
+transferOrder(storeName, orderId)
+forEachLine(storeName, orderId, consumer)
+canCarry(storeName, drone, quantity, weight)
+getDroneOrders(storeName, dronelId)
+getOrderWeight(storeName, orderId)
+getOrderPrice(storeName, orderId)
+getCustomerOrders(account)
+canAfford(customer, quantity, unitPrice)
+getDroneOrderSize(storeName, dronelId)

