```
consumer((consumer_ID), location, package_ID, conBankAccount_ID, plant_ID)
orders(consumer_ID, package_ID, packageNum)
package((package ID), timeRequired, Budget)
package_chips(package_ID, chip_ID, chipNum)
chip((chip ID), chipType ID, machine ID)
chip_processed_plant(chip_ID, plant_ID)
plant((plant_ID), location, plantOwner_ID)
machine((machine_ID), machineType_ID)
chip pre operation((chipType ID),(operation ID), precedency)
operation((operation ID), operationType ID)
plant_holds_machine(plant_ID, machine_ID, machineNum)
machine ability operation(machine ID, operation ID, feasibility, time, machineExpense)
machine process operation(machine ID, operation ID)
planRecord((operation ID), (machine ID), planStartTime, planEndTime, processExpense)
actualRecord((operation_ID), (machine_ID), actStartTime, actEndTime, processExpense)
plantOwner((plantOwner ID), plantBankAccount ID, plan ID)
*INFO BELOW MIGHT BE NOT BE THE MOST UPDATED VERSION
consumer((consumer ID), location, package ID, plant ID, conBankAccount ID)
```

package((package_ID), (chipType_ID), chipNum, timeRequired, Budget, location)

machine((machine ID), operationType ID, machineType ID, time, machineExpense)

plant((plant ID), (machine ID), machineNum, location, plantOwner ID)

```
machineType((machineType ID), plant ID)
chipType((chipType_ID), (operation_ID), precedency)
chip((chip ID), chipType ID, (machineType ID), plant ID)
operationType((operationType_ID), plant_ID)
operation((operation ID), operationType ID, plant ID, machine ID)
planRecord((operation ID), (machine ID), planStartTime, planEndTime, machineExpense)
actualRecord((operation ID), (machine ID), actStartTime, actEndTime, machineExpense)
plantOwner((plantOwner ID), plantBankAccount ID, plant ID)
Relationships between entities
orders(package ID)
//What kind and amount of chips consumer decides to use, could be multiple packedChips
packagedChips(chip ID)
plantOwnership(plant_ID)
machineLocation(machine_ID)
machinePlanRecord(operation ID, machine ID)
machineActualRecord(operation ID, machine ID)
machineOperation(operation_ID)
machineOperationDetails(machine_ID, machineType_ID, operationType_ID)
chipRequiredOperation(chip_ID, chipType_ID)
chipRequiredMachine(chip ID, machine ID)
//Where you decide to process the chip, could be in multiple places
chipLocationPlant(chip_ID, plant_ID)
operatingSteps(chip ID, chipType ID)
singleOperationStep(operation ID, chipType ID)
operationPlan(operation ID, machine ID)
operationActual(operation_ID, machine_ID)
operationDetails(operation ID,operationTYpe ID, machineType ID)
```