

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, operation_ID)

plant((plant_ID), location, plantOwner_ID)

machine((machine_ID), machineType_ID)

chip_pre_operation((chipType_ID),(operation_ID), precedence)

operation((operation_ID), operationType_ID)

plant_holds_machine(plant_ID, machine_ID, machineNum)

machine_ability_operation(machine_ID, operation_ID, time, machineExpense)

machine_process_operation(machine_ID, operation_ID)

planRecord((operation_ID), (machine_ID), (plant_ID), planStartTime, planEndTime,
processExpense)

actualRecord((operation_ID), (machine_ID), (plant_ID), actStartTime, actEndTime,
processExpense)

plantOwner((plantOwner_ID), plantBankAccount_ID)