Consumer:

Consumer\_ID

(Name)

Person\_or\_company

Package:

Package\_ID

(Consumer\_ID)

Time

Expense

Plant:

Plant\_ID

MType\_ID

Machine\_number

(Address)

(Name)

Machine Type:

MType\_ID

Operations (多值)

Machine:

Machine\_ID

MType\_ID

Plant\_ID

(status)

Chip Type:

CType\_ID

ONumber

Precedency

operation type

Chip:

Chip\_ID

(Package\_ID)

(Machine\_ID)

CType\_ID

One or multiple

Operation Type:

OType\_ID

Feasibility

Time

Expense

Operation:

Operation\_ID

OType\_ID

Processing Record:

PR\_ID

Start\_time

End\_time

Operation\_ID

Machine\_ID

Planned\_Or\_Actual

(Type合并入对应实体)

Consumer -= Package

Package-chip

CType\_ID

number