Consumer (consumer\_id, supplier{plant\_id}, phone\_number, address, name)

Package (package\_id, consumer\_id, budget, overall\_time)

Plant (plant\_id, location\_id)

Machine (machine\_id, machine\_type\_id, plant\_id)

Machine\_type (machine\_type\_id, operation\_type\_id, excute\_time, cost, feasibility)

Chip (chip\_id, chip\_type\_id, producers{plant\_id}, makers{machine\_id}, package\_id)

Chip\_type (chip\_type\_id)

Operation (operation\_id, operation\_type\_id)

Processing\_record (machine\_id, operation\_id, start\_time, end\_time, expense)

Operation\_type (operation\_type\_id)

Location (location\_id, …….)

Produce\_order (order\_number, perdency\_operation\_id, operation\_type\_id)