**User**

|  |  |  |
| --- | --- | --- |
| EID | Password | 权限 |
|  |  |  |

**Employee**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EID | Name | Gender | 部门 | Position | Salary | Phone | Addr. | IDcard |
|  |  |  |  |  |  |  |  |  |

**SalesDeapartment**

|  |  |
| --- | --- |
| EID | OID |
|  |  |

|  |  |
| --- | --- |
| EID | CID |
|  |  |

**Order**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| OID | OrderDate | 出货日期 | 最迟出货日期 | 折扣 | 总价 | State |
|  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| OID | CID |
|  |  |

|  |  |  |
| --- | --- | --- |
| OID | PID | Pnum |
|  |  |  |

**Customer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CID | Company | Country | addr | telephone |
|  |  |  |  |  |

**Product**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PID | Serial | | Price | Cost | | | Chinese\_Name | English\_Name | Pic | Type | P\_length | P\_width | P\_height | P\_volume | P\_weight | In\_sm\_Box |
| In\_lg\_Box | | 库存下限 | | | State |

|  |  |
| --- | --- |
| PID | Box\_ID |
|  |  |

|  |  |
| --- | --- |
| PID | Product\_Group\_ID |
|  |  |

|  |  |  |
| --- | --- | --- |
| PID | Produce\_process\_ID | Serial |
|  |  |  |

|  |  |
| --- | --- |
| PID | subPID |
|  |  |

**Box**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Box\_ID | Box\_length | Box\_width | Box\_height | Box\_weight | Box\_material | Box\_price |
|  |  |  |  |  |  |  |

**Product\_Group**

|  |  |  |
| --- | --- | --- |
| Product\_Group\_ID | Name | Date |
|  |  |  |

**Produce\_process**

|  |  |
| --- | --- |
| Produce\_process \_ID | Name |
|  |  |

**Ship Notice**

|  |  |  |
| --- | --- | --- |
| SN\_id | OID | State |
|  |  |  |

|  |  |
| --- | --- |
| EID | SN\_id |
|  |  |

**Invoice**

|  |  |  |
| --- | --- | --- |
| I\_id | OID | State |
|  |  |  |

|  |  |
| --- | --- |
| EID | I\_id |
|  |  |

**Material**

|  |  |  |
| --- | --- | --- |
| PID | 有訂單數量 | 無訂單數量 |
|  |  |  |

**Product distribution**

|  |  |
| --- | --- |
| PD\_id | OID |
|  |  |

|  |  |  |
| --- | --- | --- |
| PD\_id | PID | Number |
|  |  |  |

**Mission distribution**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| MD\_id | PD\_id | Serial | Number | Manager | Time |
|  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| MD\_id | Produce\_process \_ID | EID |
|  |  |  |

**Quality inspection**

|  |  |  |  |
| --- | --- | --- | --- |
| QI\_id | MD\_id | Pass\_product\_num | QI\_rate |
|  |  |  |  |

|  |  |
| --- | --- |
| QI\_id | EID |
|  |  |

|  |  |
| --- | --- |
| QI\_id | PD\_id |
|  |  |

**Product defect**

|  |  |  |
| --- | --- | --- |
| PD\_id | Name | Description |
|  |  |  |