<Customer>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Name | Varchar | 32 Byte | Primary Key |
| Address | Varchar | 32 Byte |  |
| Category | Integer | 4 Byte | 1-10 |

<Assembly>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Assembly-ID | INT | 5 | Primary Key, Not Null |
| Date-Of-Ordered | Datetime | 8 |  |
| Assembly-Details | Varchar | 32 Byte |  |

<Assign>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Assembly-ID | INT | 5 | Primary Key, Not Null |
| Process-ID | INT | 5 | Primary Key, Not Null |
| Job nom | INT | 5 | Primary Key, Not Null |

<Pass-through>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Assembly-ID | INT | 5 | Primary Key, not null |
| Process-ID | INT | 5 | Primary Key, not null |

<Process>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Process-ID | INT | 5 | Primary Key, not null |
| Process-Data | Varchar | 32 |  |

<Order>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Assembly-ID | INT | 5 | Primary Key, not null |
| CName | Varchar | 32 | Primary Key, not null |

<Fit>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Process-ID | INT | 5 | Primary Key |
| Fit-Type | Varchar | 32 |  |

<Paint>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Process-ID | INT | 5 | Primary Key, Not null |
| Paint Type | Varchar | 32 |  |
| Painting-Method | Varchar | 32 |  |

<Cut>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Process- ID | INT | 32 | Primary Key, Not null |
| Machine-Type | Varchar | 32 |  |
| Cutting-Type | Varchar | 32 |  |

<Job>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Job-Nom | INT | 5 | Primary Key, Not null |
| Date-Of-Job-Commenced | datetime | 8 |  |
| Date-Of-Job-Completed | datetime | 8 |  |

<Cut-Job>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Type-Of-Machine | Varchar | 32 |  |
| Amount-Of-Time | INT | 5 |  |
| Material | Varchar | 32 |  |
| Labor-Time | INT | 5 |  |
| Job-Nom | INT | 5 | Primary Key, Not null |

<Paint-Job>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Job-Nom | INT | 5 | Primary Key, Not null |
| Color | Varchar | 32 |  |
| Volume | Varchar | 32 |  |
| Labor-Time | INT | 5 |  |

<Fit-Job>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Job-Nom | INT | 5 | Primary Key, Not null |
| Labor-Time | INT | 5 |  |

<Account>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |
| Date-Of-Account-Established | Datetime | 8 |  |

Department

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Department-Num | INT | 5 | Primary Key, Not null |
| Department-Data | Varchar | 32 | Primary Key, Not null |

<Department-Account>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |

<Assembly-Account>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |

<Process-Account>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |

<Transaction>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Transaction-Number | INT | 5 | Primary Key, Not null |
| Sup Cost | INT | 5 |  |
|  |  |  |  |

<Record>

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Transaction-Number | INT | 5 | Primary Key, Not null |
| Sup Cost | INT | 5 |  |

Record cost2

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |
| Department number | INT | 5 | Primary Key, Not null |

Record Cost1

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |
| Assembly-id | INT | 5 | Primary Key, Not null |

Record Cost3

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Account-Number | INT | 5 | Primary Key, Not null |
| Process-id | INT | 5 | Primary Key, Not null |

Supervise

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Process-ID | INT | 5 | Primary Key, Not null |
| Department number | INT | 5 | Primary Key, Not null |
| Department Data | Varchar | 32 | Primary Key, Not null |

Update

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Constraints |
| Transaction-number | INT | 5 | Primary Key, Not null |
| Account number | INT | 5 | Primary Key, Not null |