

Relation: Departament

Attribute: Dcode Domain: alpha[4]
Attribute: Dname Domain: alpha[30]
Attribute: Manager Domain: alpha[30]
Attribute: Eid Domain: digit[6]
Attribute: Dtype Domain: alpha[10]
Primary key: Dcode
Foreign key: Eid References: attribute Eid in relation Employee

Relation: Employee

Attribute: Eid Domain: digit[6]
Attribute: Ename Domain: alpha[30]
Attribute: Skills Domain: alpha[50]
Attribute: Dcode Domain: alpha[4]
Primary key: Eid, Skills
Foreign key: Dcode References: attribute Dcode in relation Departament

Relation: Supplier

Attribute: Scode Domain: digit[6]
Attribute: Sname Domain: alpha[30]
Attribute: Slocation Domain: string[50]
Primary key: Scode
Foreign key: References: attribute in relation

Relation: Supplies

Attribute: Scode Domain: digit[6]
Attribute: Inumber Domain: digit[6]
Attribute: Cost Domain: float[15]
Primary key: Scode, Inumber
Foreign key: Scode References: attribute Scode in relation Supplier
Foreign key: Inumber References: attribute Inumber in relation Items

Relation: Items

Attribute: Inumber Domain: digit[6]
Attribute: Iname Domain: alpha[30]
Attribute: Description Domain: alpha[70]
Attribute: Price Domain: float[4]
Attribute: Shipping Domain: alpha[15]
Attribute: QuantityONhand Domain: digit[75]
Attribute: Dcode Domain: alpha[4]
Primary key: ItemNumber
Foreign key: Dcode References: attribute Dcode in relation Departament

Relation: Credit Card

Attribute: Cnumber Domain: digit[16]
Attribute: Ctype Domain: alpha[15]
Attribute: ExpDate Domain: date[MMYY]
Primary key: Cnumber
Foreign key: References: attribute in relation

Relation: Customer

Attribute: Cid Domain: digit[6]
Attribute: Cname Domain: alpha[30]
Attribute: Caddress Domain: string[100]
Attribute: Cnumber Domain: digit[16]
Primary key: Cid
Foreign key: Cnumber References: attribute Cnumber in relation Credit Card

Relation: Purchase

Attribute: Inumber Domain: digit[6]
Attribute: Cid Domain: digit[6]
Attribute: Date Domain: date[MMYY]
Attribute: Quantity Domain: digit[75]
Primary key: Cid, Inumber, Date
Foreign key: Cid References: attribute Cid in relation Customer
Foreign key: Inumber References: attribute Inumber in relation Items

Relation: Procurement

Attribute: TransactionNum Domain: digit[10]
Attribute: Inumber Domain: digit[6]
Attribute: Scode Domain: digit[6]
Attribute: Quantity Domain: digit[75]
Attribute: Date Domain: date[MMYY]
Primary key: TransactionNum, Inumber, Scode
Foreign key: Scode References: attribute Scode in relation Supplier
Foreign key: Inumber References: attribute Inumber in relation Items