Relational Schema

The Asterisk symbol, \*, is used to denote a foreign key.

**Products**(Part#, Name, Description, Price, QTY Available)

**Shopping Cart(**Cart\_ID, QTY Requested)

**Orders**(Order ID, Notes, Date, Price, QTY Ordered, Status, Tracking Information)

**Payment**(Payment\_ID, Credit Card Info, Payment Amount)

**User**(User\_ID, Notes, Name, Billing Address, Shipping Address, Phone, Email)

**Employee**(Emp ID\*, Role)

* Emp\_ID is a foreign key, referencing **User**(User\_ID)

Binary one-to-one

**Ships**(Emp\_ID\*, Order\_ID\*)

* Emp\_ID is a foreign key, referencing **Employee**(Emp\_ID)
* Order\_ID is a foreign key, referencing **Order**(Order\_ID)

Binary one-to-many

**Orders**(Order\_ID, Notes, Date, Price, QTY Ordered, Status, Tracking Information, User\_ID\*)

* User\_ID is a foreign key, referencing **User**(User\_ID)

Binary many-to-many

**ViewOrder**(Emp\_ID\*, Order\_ID\*)

* Emp\_ID is a foreign key, referencing **Employee**(Emp\_ID)
* Order\_ID is a foreign key, referencing **Order**(Order\_ID)

**Generates**(Product\_ID\*, Cart\_ID\*, Order\_ID\*, Payment\_ID\*)

* Product\_ID is a foreign key, referencing **Product**(Product\_ID)
* Card\_ID is a foreign key, referencing **Shopping Cart**(Cart\_ID)
* Order\_ID is a foreign key, referencing **Order**(Order\_ID)
* Payment\_ID is a foreign key, referencing **Payment**(Payment\_ID)

**Added**(Part#\*, Cart\_ID\*, User\_ID\*)

* Part# is a foreign key, referencing **Product**(Part#)
* Cart\_ID is a foreign key, referencing **Shopping Cart**(Cart\_ID)
* User\_ID is a foreign key, referencing **User**(User\_ID)