ER Diagram

SUPPLIER

PK	supplier_number	int
	supplier_name	varchar2(50)
	date_registered	date
	phone	varchar(10)
FK	shipment_number	int

ITEM

PK	item_number	int
FK	supplier_number	int
	item_name	varchar(50)
	model	varchar(50)
	color	varchar(2)
FK	shipment_number	int

ITEM_PRODUCT

FK	item_number	int
FK	product_number	int
	item_quantity	int

PRODUCT

PK	product_number	int
	product_name	varchar2(50)
	model	varchar2(50)
	date_built	varchar2(10)
FK	customer_number	int

CUSTOMER

PK	customer_number	int
	customer_name	archar2(50)
	city	varchar(50)
	phone	varchar(50)
	color	varchar(2)
	shipment_number	int

SHIPMENT

PK	shipment_number	int
	shipment_date	varchar2(50)
	transport_type	date

ORDER

PK	order_number	int
FK	product_number	int
	product_quantity	int
FK	customer_number	int

```sql
CREATE TABLE "SUPPLIER" ( "supplier_number" int, "supplier_name" varchar2(50), "date_registered" date,
"phone" varchar2(10), "shipment_number" int,
PRIMARY KEY ("supplier_number")
);
CREATE TABLE "ITEM_PRODUCT" ( "item_number" int, "product_number" int, "item_quantity" int
);
CREATE TABLE "ITEM" (
"item_number" int, "supplier_number" int,
"item_name" varchar2(50),
"model" varchar2(50),
"color" varchar2(2), "shipment_number" int,
PRIMARY KEY ("item_number"), CONSTRAINT "FK_ITEM.item_number"
FOREIGN KEY ("item_number")
REFERENCES "ITEM_PRODUCT"("item_number")
);
CREATE TABLE "CUSTOMER" ( "customer_number" int, "customer_name" archar2(50), "city" varchar2(50),
"phone" varchar2(50),
"color" varchar2(2), "shipment_number" int,
PRIMARY KEY ("customer_number")
);
CREATE TABLE "PRODUCT" ( "product_number" int, "product_name" varchar2(50), "model" varchar2(50),
"date_built" varchar2(10), "customer_number" int,
PRIMARY KEY ("product_number"), CONSTRAINT "FK_PRODUCT.product_number"
FOREIGN KEY ("product_number")
REFERENCES "ITEM_PRODUCT"("product_number"),
CONSTRAINT "FK_PRODUCT.customer_number" FOREIGN KEY ("customer_number")
REFERENCES "CUSTOMER"("customer_number") );
CREATE TABLE "SHIPMENT" (
"shipment_number" int,
"shipment_date" varchar2(50),
"transport_type" date,
PRIMARY KEY ("shipment_number"), CONSTRAINT "FK_SHIPMENT.shipment_number"
FOREIGN KEY ("shipment_number") REFERENCES "ITEM"("shipment_number")
);
CREATE TABLE "ORDER" (
"order_number" int,
"product_number" int,
"product_quantity" int,
"customer_number" int,
PRIMARY KEY ("order_number"), CONSTRAINT "FK_ORDER.customer_number"
FOREIGN KEY ("customer_number")
REFERENCES "CUSTOMER"("customer_number")
);
```