Switches Design

switches

PK	switch_id NUMBER(9) NOT NULL	
	name	VARCHAR2(30) NOT NULL
	type	VARCHAR2(30)
	mount_type	VARCHAR2(5)
	top_housing	VARCHAR2(30)
	bottom_housing	VARCHAR2(30)
	bottom_out	NUMBER(4,2)
	stem	VARCHAR2(30)
	spring	VARCHAR2(30)
	pins	NUMBER(1)
	travel	NUMBER(4,2)
	actuation	NUMBER(4,2)
	lube	VARCHAR2(30)
FK	manufacture_id	NUMBER(9)
FK	vendor_id	NUMBER(9)

vendor_prices

PK	vendor_price_id NUMBER NOT NULL		
FK	vendor_id	NUMBER(9)	NOT NULL
FK	switch_id	NUMBER(9)	NOT NULL
	vendor_name	VARCHAR2(30)	
	price	NUMBER(6,2)	
	quantity	NUMBER(6)	

vendors

PK	vendor_id NUMBER(9) NOT NULL	
	name	VARCHAR2(30) NOT NULL
	phone_number	NUMBER(10)
	email	VARCHAR2(30) NOT NULL
	address	VARCHAR2(30)
	city	VARCHAR2(30)
	state	VARCHAR2(30)
	zip_code	NUMBER(5)

manufactures

PK	manufacture_id NUMBER(9) NOT NULL	
	name	VARCHAR2(30) NOT NULL
	phone_number	NUMBER(10)
	email	VARCHAR2(30) NOT NULL
	address	VARCHAR2(30)
	city	VARCHAR2(30)
	state	VARCHAR2(30)
	zip_code	NUMBER(5)