

users		
PK	<u>user_id</u>	INTEGER
FK1	username	VARCHAR(25)
	password	VARCHAR(40)
FK1	role	VARCHAR(30)
	first_name	VARCHAR(25)
	last_name	VARCHAR(30)
	date_added	DATETIME
	view_inventory	SMALLINT
	add_product	SMALLINT
	update_product	SMALLINT
	delete_product	SMALLINT
	add_user	SMALLINT

Products		
PK	<u>product_id</u>	INTEGER
FK1	user_id	INTEGER
	add_date	DATETIME
	product_name	VARCHAR(30)
	quantity_ordered	INTEGER
	weight	INTEGER
	per_unit_cost	CURRENCY
	total_cost	CURRENCY
	order_date	DATETIME
	date_received	DATETIME
	quantity_received	INTEGER
	paid_not_received	INTEGER
	current_quantity	INTEGER
	current_value	CURRENCY
	expiration_date	DATETIME
	notes	VARCHAR(100)
	active	SMALLINT
FK2	category_id	VARCHAR(25)
FK3	vendor_id	VARCHAR(25)

admins		
PK	<u>username</u>	VARCHAR(20)
PK	<u>role</u>	VARCHAR(20)

categories		
PK	<u>category_id</u>	VARCHAR(25)
	category_name	VARCHAR(25)
	description	VARCHAR(50)

vendors		
PK	<u>vendor_id</u>	VARCHAR(25)
	vendor_name	VARCHAR(40)
	contact_name	VARCHAR(50)
	address	VARCHAR(60)
	city	VARCHAR(30)
	state	VARCHAR(30)
	zip	INTEGER
	phone	VARCHAR(15)

product_alerts		
PK,FK2	<u>alert_id</u>	VARCHAR(25)
PK,FK1	<u>product_id</u>	INTEGER

alerts		
PK	<u>alert_id</u>	VARCHAR(25)
	expiration_date	VARCHAR(50)
	low_stock_alert	CHAR(10)
	out_stock_alert	CHAR(10)
	paid_not_received_alert	CHAR(10)