












Triana Carmenate
Project 2, Oct. 18, 2015
COP 5725- Principles of Database Management Systems

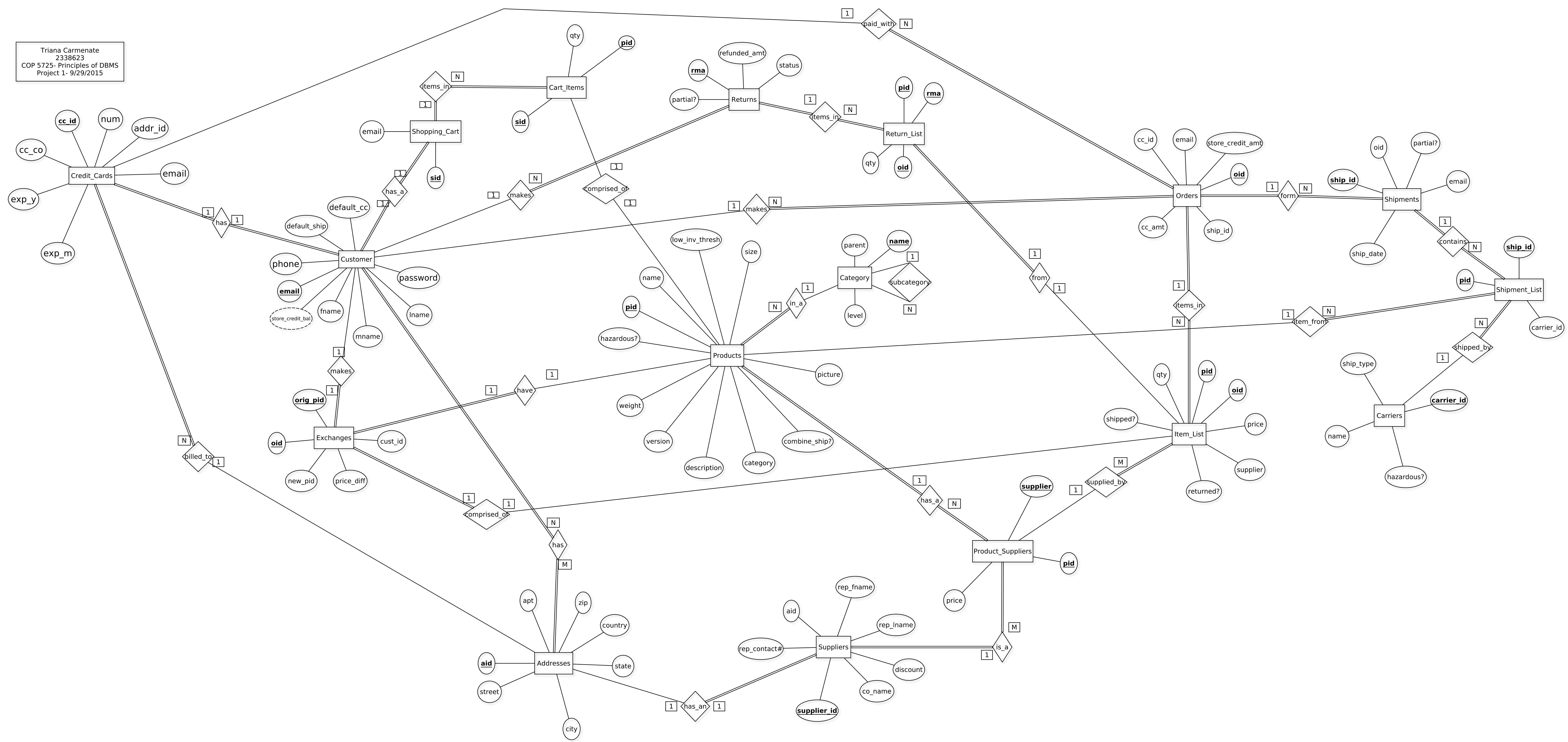
I have first attached corrections for project 1 along with the graded version of the project. I then attached project 2 which has constraints indicated using the following symbols:

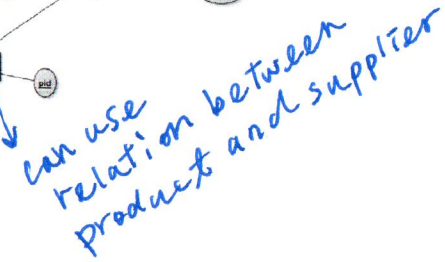
-  Key: (Part of) Primary Key
-  Filled Diamond: NOT NULL
-  Not filled Diamond: NULL
-  Red colored: (Part of) Foreign key
-  Blue lined Diamond: Simple attribute (no key)

Can be combined for example:

-  is a Red colored Key so it's a Primary Key which is also a Foreign Key
-  is a Yellow (non Red) Key so it's only a Primary Key
-  is a blue lined filled diamond so it's a NOT NULL simple attribute
-  is a red colored filled diamond so it's a NOT NULL Foreign Key
-  is a blue lined not filled diamond so it's a simple attribute which can be NULL
-  is a red colored not filled diamond so it's a Foreign Key which can be NULL

The records are the last page.





Products

PID	name	Hazardous?	Weight	Version	Description	Category
1	Banana Pencil	0	0.02	1	A banana themed pencil	stationary
2	Banana Case	0	0.5	1	A banana themed pencil case	stationary
3	Strawberry Pencil	0	0.02	1	A banana themed pencil	stationary
4	CD Player	0	3	2	A portable cd player	Audio Players
5	Cleaning Spray	1	0.75	1	A strong chemical cleaner	cleaning

Shopping_Cart

email	sid
one @hotmail.com	1
two @hotmail.com	2
three @hotmail.com	3
Four @hotmail.com	4
five @hotmail.com	5

Customer

email	phone	fname	mname	lname	password	default_cc
one @hotmail.com	3053480136	Bill		Baxter	123	1
two @hotmail.com	3053486412	Mary	Sue	Purple	123	2
three @hotmail.com	3053480814	Jimmy		White	123	3
Four @hotmail.com	3053480999	Reny		Black	123	4
five @hotmail.com	3053480140	Michelle	Leigh	Pink	123	5

Exchanges

oid	orig_pid	orig_qty	cust_id	new_pid	new_qty	price_diff
1	1	20	one @hotmail.com	3	20	0.00
2	1	10	one @hotmail.com	3	10	0.00
3	4	1	two @hotmail.com	4	1	0.00
3	3	1	three @hotmail.com	4	1	0.00
4	5	1	four @hotmail.com	4	1	0.00

Credit_Cards

cc_id	cc_co	exp_y	exp_m	num	addr_id	email
1	AMEX	2018	10	111122223333		one @hotmail.com
2	MC	2016	1	111122223334		two @hotmail.com

3	MC	2016	9	111122223335	three @hotmail.com
4	VISA	2017	4	111122223336	four @hotmail.com
5	VISA	2018	10	111122223337	five @hotmail.com

Cart_Items

<u>sid</u>	<u>pid</u>	qty
	1	200
	3	100
	1	2000
	5	20
	4	50

Returns

<u>rma</u>	partial?	refunded_amt	status
1	0		complete
2	0		complete
3	0		complete
4	0		complete
5	1		complete

Return List

<u>pid</u>	<u>rma</u>	<u>oid</u>	qty
1	1	1	20
3	2	2	25
4	3	3	2
5	4	5	2
5	5	5	1

Category

parent	level	name
	1	Office Supplies
Office Supplies	2	Stationary
	1	Electronics

Electronics	2	Audio Players
	1	Cleaning

Suppliers

supplier_id	co_name	discount	rep_lname	rep_fname	aid	rep_contact#
	1 Yellow Stationary Co.	10	Plum	Mary	6	1234567890
	2 Green and Green	5	Apple	Joe	7	1234567891
	3 Blue Electronics	2	White	Bob	8	1234567892
	4 Purple Cleaning Supplies	11	Black	Tammy	9	1234567893
	5 Red Audio	4	Grape	Roger	10	1234567894

Product_Suppliers

pid	supplier	price
1	1	0.10
2	2	9.98
3	1	0.10
3	2	0.15
4	3	59.99
5	4	4.95

Addresses

aid	street	city	state	country	zip	apt
1	11200 SW 8 th Street	Miami	FL	USA	33166	ECS 232
2	11200 SW 8th Street	Miami	FL	USA	33166	VH 100
3	100 Big Apple Lane	New York	NY	USA	23412	St 300
4	3 K. Lane	Seoul		Korea	908777	Unit B
5	5000 Cherry Lane	Houston	TX	USA	34512	

Orders

oid	ship_id	cc_amt	cc_id	email	store_credit_amt
1	1	20.00	1	one @hotmail.com	0.00
2	2	9.98	1	two @hotmail.com	0.00
3	3	2500.00	2	three @hotmail.com	0.00
4	4	69.97	3	four @hotmail.com	0.00
5	5	123.75	3	four @hotmail.com	0.00

Item_List

pid	oid	price	supplier	returned?	shipped?	qty
1	1	20.00	1	0	1	200
2	2	9.98	2	0	1	1
3	3	2500.00	3	0	1	25000
4	4	59.99	4	0	1	1
2	4	9.98	2	0	1	1
5	5	123.75	4	0	1	25

Shipments

ship_id	oid	partial?	email	ship_date
1	1	0	one @hotmail.com	10/10/15
2	2	0	two @hotmail.com	09/17/15
3	3	0	three @hotmail.com	09/18/15
4	4	1	four @hotmail.com	09/19/15
5	5	0	Five @hotmail.com	09/20/15
6	4	1	four @hotmail.com	09/21/15

Shipment_List

pid	ship_id	carrier_id
1	1	1
2	2	2
3	3	3
4	3	4
4	4	3

Carriers

carrier_id	hazardous?	name	ship_type
1	0	Easy Ship	International
2	0	DHL	International
3	0	UPS	International

4	0	USPS	International
5	1	Chem-Ship	Domestic

Combine_Ship?	picture	Size	low_inv_thresh
1	webshop.com/bpencil	Tiny	400
1	webshop.com/bpcase	Small	100
1	webshop.com/spencil	Tiny	400
1	webshop.com/cdplay	Small	25
0	webshop.com/clean	Medium	50

default_ship	store_credit_bal
1	1.0
2	0.0
3	0.0
4	0.0
5	2.0

