

## Appendix A

**TABLE A-1** Structure of BB\_SHOPPER

NAME	NULL?	TYPE
IDSHOPPER	NOT NULL	NUMBER(4)
FIRSTNAME		VARCHAR2(15)
LASTNAME		VARCHAR2(20)
ADDRESS		VARCHAR2(40)
CITY		VARCHAR2(20)
STATE		CHAR(2)
ZIPCODE		VARCHAR2(15)
PHONE		VARCHAR2(10)
FAX		VARCHAR2(10)
EMAIL		VARCHAR2(25)
USERNAME		VARCHAR2(8)
PASSWORD		VARCHAR2(8)
COOKIE		NUMBER(4)
DTENTERED		DATE
PROVINCE		VARCHAR2(15)
COUNTRY		VARCHAR2(15)
PROMO		CHAR(1)

**TABLE A-2** Data in BB\_SHOPPER

IDSHOPPER	FIRSTNAME	LASTNAME	ADDRESS	CITY	STATE	ZIPCODE
21	John	Carter	21 Front St.	Raleigh	NC	54822
22	Margaret	Sommer	287 Walnut Drive	Cheasapeake	VA	23321
23	Kenny	Ratman	1 Fun Lane	South Park	NC	54674
24	Camryn	Sonnie	40162 Talamore	South Riding	VA	20152
25	Scott	Savid	11 Pine Grove	Hickory	VA	22954
26	Monica	Cast	112 W. 4th	Greensburg	VA	27754
27	Pete	Parker	1 Queens	New York	NY	67233

**TABLE A-2** Data in BB\_SHOPPER (*continued*)

EMAIL	USERNAME	PASSWORD	COOKIE	DTENTERED	PROVINCE	COUN
Crackjack@aol.com	Crackj	flyby	1	13-JAN-12		USA
MargS@inf.net	MaryS	pupper	1	03-FEB-12		USA
ratboy@msn.net	rat55	kile	0	26-JAN-12		USA
kids2@xis.net	kids2	steel	1	19-MAR-12		USA
scott1@odu.edu	fdwell	tweak	1	19-FEB-12		USA
gma@earth.net	gma1	goofy	1	09-FEB-12		USA
spider@web.net			0	14-FEB-12		USA

Table - BB BASKETSTATUS

NAME	NULL?	TYPE
IDBASKET	NOT NULL	NUMBER(5)
QUANTITY		NUMBER(2)
IDSHOPPER		NUMBER(4)
ORDERPLACED		NUMBER(1)
SUBTOTAL		NUMBER(7,2)
TOTAL		NUMBER(7,2)
SHIPPING		NUMBER(5,2)
TAX		NUMBER(5,2)
DTCREATED		DATE
PROMO		NUMBER(2)
SHIPFIRSTNAME		VARCHAR2(10)
SHIPLASTNAME		VARCHAR2(20)
SHIPADDRESS		VARCHAR2(40)
SHIPCITY		VARCHAR2(20)
SHIPSTATE		VARCHAR2(2)
SHIPZIPCODE		VARCHAR2(15)
SHIPPHONE		VARCHAR2(10)
SHIPFAX		VARCHAR2(10)
SHIPEMAIL		VARCHAR2(25)
BILLFIRSTNAME		VARCHAR2(10)
BILLLASTNAME		VARCHAR2(20)
BILLADDRESS		VARCHAR2(40)
BILLCITY		VARCHAR2(20)
BILLSTATE		VARCHAR2(2)
BILLZIPCODE		VARCHAR2(15)
BILLPHONE		VARCHAR2(10)
BILLFAX		VARCHAR2(10)
BILLEMAIL		VARCHAR2(25)
DTORDERED		DATE
SHIPPROVINCE		VARCHAR2(20)

**TABLE A-3** Structure of BB\_BASKET (continued)

NAME	NULL?	TYPE
SHIPCOUNTRY		VARCHAR2(20)
BILLPROVINCE		VARCHAR2(20)
BILLCOUNTRY		VARCHAR2(20)
CARDTYPE		CHAR(1)
CARDNUMBER		VARCHAR2(20)
EXPMONTH		CHAR(2)
EXPYEAR		CHAR(4)
CARDNAME		VARCHAR2(25)
SHIPBILL		CHAR(1)
SHIPFLAG		CHAR(1)

**TABLE A-4** Data in BB\_BASKET

IDBASKET	QUANTITY	IDSHOPPER	ORDERPLACED	SUBTOTAL	TOTAL	SHIPPING
3	3	21	1	26.6	32.4	5
4	1	21	1	28.5	34.36	5
5	4	22	1	41.6	48.47	5
6	3	22	1	149.99	161.74	5
7	2	23	1	21.6	27.25	5
8	2	23	1	21.6	27.25	5
9	2	23	1	21.6	27.25	5
10	3	24	1	38.9	45.65	5
11	1	24	1	10	15.45	5
12	7	25	0	72.4	83.66	8
13	2	26	0	20	0	0
14	0	26	0	0	0	0
15	2	27	0	16.2	21.69	5
16	2	27	0	16.2	21.69	5

**TABLE A-4** Data in BB\_BASKET (continued)

TAX	DTCREATED	PROMO	DTORDERED	SHI	SHI
.8	23-JAN-12	0	23-JAN-12	N	N
.86	12-FEB-12	0	12-FEB-12	N	N
1.87	19-FEB-12	0	19-FEB-12	N	N
6.75	01-MAR-12	0	01-MAR-12	N	N
.65	26-JAN-12	0	26-JAN-12	N	N
.65	16-FEB-12	0	16-FEB-12	N	N
.65	02-MAR-12	0	02-MAR-12	N	N
1.75	07-FEB-12	0	12-FEB-12	N	N
.45	27-FEB-12	0	27-FEB-12	N	N
3.26	19-FEB-12	0		N	N
0	09-FEB-12	0		N	N
0	10-FEB-12	0		N	N
.49	14-FEB-12	0	03-MAR-12	N	N
.49	24-FEB-12	0	03-MAR-12	N	N

**TABLE A-5** Structure of BB\_BASKETITEM

NAME	NULL?	TYPE
IDBASKETITEM	NOT NULL	NUMBER(2)
IDPRODUCT		NUMBER(2)
PRICE		NUMBER(6,2)
QUANTITY		NUMBER(2)
IDBASKET		NUMBER(5)
OPTION1		NUMBER(2)
OPTION2		NUMBER(2)

**TABLE A-6** Data in BB\_BASKETITEM

IDBASKETITEM	IDPRODUCT	PRICE	QUANTITY	IDBASKET	OPTION1	OPTION2
15	6	5	1	3	1	4
16	8	10.8	2	3	2	4
17	4	28.5	1	4		
18	7	10.8	1	5	2	3
19	8	10.8	1	5	2	3
20	9	10	1	5	2	3
21	10	10	1	5	2	3
22	10	10	2	6	2	4
23	2	129.99	1	6		
24	7	10.8	1	7	2	3
25	8	10.8	1	7	2	3
26	7	10.8	1	8	2	3
27	8	10.8	1	8	2	3
28	7	10.8	1	9	2	3
29	8	10.8	1	9	2	3
30	6	5	1	10	1	3
31	8	5.4	1	10	1	3
32	4	28.5	1	10		
33	9	10	1	11	2	3
34	8	10.8	2	12	2	3
35	9	10	2	12	2	3
36	6	10	2	12	2	3

**TABLE A-6** Data in BB\_BASKETITEM (continued)

IDBASKETITEM	IDPRODUCT	PRICE	QUANTITY	IDBASKET	OPTION1	OPTION2
37	7	10.8	1	12	2	3
38	9	10	2	13	2	3
40	8	10.8	1	15	2	3
41	7	5.4	1	15	1	3
42	8	10.8	1	16	2	3
43	7	5.4	1	16	1	3

**TABLE A-7** Structure of BB\_PRODUCT

NAME	NULL?	TYPE
IDPRODUCT	NOT NULL	NUMBER(2)
PRODUCTNAME		VARCHAR2(25)
DESCRIPTION		VARCHAR2(100)
PRODUCTIMAGE		VARCHAR2(25)
PRICE		NUMBER(6,2)
SALESTART		DATE
SALEEND		DATE
SALEPRICE		NUMBER(6,2)
ACTIVE		NUMBER(1)
FEATURED		NUMBER(1)
FEATURESTART		DATE
FEATUREEND		DATE
TYPE		CHAR(1)
IDDEPARTMENT		NUMBER(2)
STOCK		NUMBER(5,1)
ORDERED		NUMBER(3)
REORDER		NUMBER(3)



TABLE A-8 Data in BB\_PRODUCT

IDPRODUCT	PRODUCTNAME	DESCRIPTION	PRODUCTIMAGE	PRICE	SALESTART	SALEEND
1	CapressoIkar Model #351	A fully programmable pump espresso machine and 10-cup coffeemaker complete with GoldTone filter.	capresso.gif	99.99		
2	Capresso Ultima	Coffee and espresso and cappuccino machine. Brews from one espresso to two six-ounce cups of coffee.	capresso2.gif	129.99		
3	Elken 4-cup French Press	A unique coffeemaker from those proud craftsmen in windy Normandy.	frepresso.gif	32.5		
4	Coffee Grinder	Avoid blade grinders! This mill grinder allows you to choose a fine grind to a coarse grind.	grind.gif	28.5		
5	Sumatra	Spicy and intense with herbal aroma.	sumatra.jpg	10.5		
6	Guatemala	Heavy body, spicy twist, aromatic and smoky flavor.	Guatemala.jpg	10	01-JUN-12	15-JUN-12
7	Columbia	Dry, nutty flavor and smoothness.	columbia.jpg	10.8		
8	Brazil	Well-balanced mellow flavor, a medium body with hints of cocoa and a mild, milky aftertaste.	brazil.jpg	10.8		
9	Ethiopia	Distinctive berry-like flavor and aroma; reminds many of a fruity, memorable wine.	ethiopia.jpg	10		
10	Espresso	Dense, caramel-like sweetness with a soft acidity. Roasted somewhat darker than traditional Italian.	espresso.jpg	10		

**TABLE A-8** Data in BB\_PRODUCT (continued)

SALEPRICE	ACTIVE	TYP	IDDEPARTMENT	STOCK	ORDERED	REORDER
	1	E	2	23	0	12
	1	E	2	15	0	9
	1	E	2	30	0	15
	1	E	2	26	0	25
	1	G	1	41	0	45
	1	G	1	42	0	35
8	1	G	1	61	0	35
	1	G	1	53	0	35
	1	G	1	54	0	35
	1	G	1	50	50	50

**TABLE A-9** Structure of BB\_PRODUCTOPTION

NAME	NULL?	TYPE
IDPRODUCTOPTION	NOT NULL	NUMBER(3)
IDOPTION		NUMBER(2)
IDPRODUCT		NUMBER(2)

**TABLE A-10** Data in BB\_PRODUCTOPTION

IDPRODUCTOPTION	IDOPTION	IDPRODUCT
1	1	5
2	2	5
3	3	5
4	4	5
5	1	6
6	2	6
7	3	6
8	4	6
9	1	7
10	2	7
11	3	7
12	4	7
13	1	8
14	2	8
15	3	8
16	4	8
17	1	9
18	2	9
19	3	9
20	4	9
21	1	10
22	2	10
23	3	10
24	4	10

**TABLE A-11** Structure of BB\_PRODUCTOPTIONDETAIL

NAME	NULL?	TYPE
IDOPTION	NOT NULL	NUMBER(2)
OPTIONNAME		VARCHAR2(25)
IDOPTIONCATEGORY		NUMBER(2)

**TABLE A-12** Data in BB\_PRODUCTOPTIONDETAIL

IDOPTION	OPTIONNAME	IDOPTIONCATEGORY
1	1/2 lb.	1
2	1 lb.	1
3	Whole Bean	2
4	Regular Grind	2

**TABLE A-13** Structure of BB\_PRODUCTOPTIONCATEGORY

NAME	NULL?	TYPE
IDOPTIONCATEGORY	NOT NULL	NUMBER(2)
CATEGORYNAME		VARCHAR2(25)

**TABLE A-14** Data in BB\_PRODUCTOPTIONCATEGORY

IDOPTIONCATEGORY	CATEGORYNAME
1	Size
2	Form

**TABLE A-15** Structure of BB\_DEPARTMENT

NAME	NULL?	TYPE
IDDEPARTMENT	NOT NULL	NUMBER(2)
DEPTNAME		VARCHAR2(25)
DEPTDESC		VARCHAR2(100)
DEPTIMAGE		VARCHAR2(25)

**TABLE A-16** Data in BB\_DEPARTMENT

IDDEPARTMENT	DEPTNAME	DEPTDESC	DEPTIMAGE
1	Coffee	Many types of coffee beans	coffee.gif
2	Equipment and Supplies	Coffee makers to coffee filters available	machines.gif
3	Coffee Club	What are the benefits of our club membership?	club.gif

**TABLE A-17** Structure of BB\_BASKETSTATUS

NAME	NULL?	TYPE
IDSTATUS	NOT NULL	NUMBER(5)
IDBASKET		NUMBER(5)
IDSTAGE		NUMBER(1)
DTSTAGE		DATE
NOTES		VARCHAR2(50)
SHIPPER		VARCHAR2(5)
SHIPPINGNUM		VARCHAR2(20)

**TABLE A-18** Data in BB\_BASKETSTATUS

IDSTATUS	IDBASKET	IDSTAGE	DTSTAGE	NOTES	SHIPPER	SHIPPINGNUM
1	3	1	24-JAN-12			
2	3	5	25-JAN-12	Customer called to confirm shipment	UPS	ZWS45584GD89H569
3	4	1	13-FEB-12			
4	4	5	14-FEB-12			
15	12	3				

**TABLE A-19** Structure of BB\_TAX

NAME	NULL?	TYPE
IDSTATE	NOT NULL	NUMBER(2)
STATE		CHAR(2)
TAXRATE		NUMBER(4,3)

**TABLE A-20** Data in BB\_TAX

IDSTATE	STATE	TAXRATE
1	VA	.045
2	NC	.03
3	SC	.06

**TABLE A-21** Structure of BB\_SHIPPING

NAME	NULL?	TYPE
IDRANGE	NOT NULL	NUMBER(2)
LOW		NUMBER(3)
HIGH		NUMBER(3)
FEE		NUMBER(6,2)

**TABLE A-22** Data in BB\_SHIPPING

IDRANGE	LOW	HIGH	FEE
1	1	5	5
2	6	10	8
3	11	99	11