



# Database Analysis & Design

## INF10002

### Task 1 – Credit Submission

Student Number: 104082552

Student Name: Nhat Minh Tran

#### Credit 1a

Paste your screen capture(s) for this task here.

Field:	CustId	Surname	Gender	LoyaltyPts	Rating	State
Table:	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552
Sort:						
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			= "M"	>= 7500	= 1 Or 3	= "Tasmania"
or:						

CustId	Surname	Gender	LoyaltyPts	Rating	State
1024	Fidler	M	8380	1	Tasmania
1032	McMaster	M	8870	1	Tasmania
1043	Ferguson	M	7500	3	Tasmania
1058	Trumper	M	8690	1	Tasmania
1067	Whish	M	8210	3	Tasmania
1076	Espie	M	9130	1	Tasmania
1078	Minifie	M	9210	1	Tasmania
1092	McIlwraith	M	8760	3	Tasmania
1104	Persse	M	7500	3	Tasmania
1117	Fauchery	M	8340	1	Tasmania
1120	Woodfull	M	7890	1	Tasmania

#### Credit 1b

Paste your screen capture(s) for this task here.

Field:	CustId	Surname	Gender	LoyaltyPts	Rating	State	SalesThisYear	SalesLastYear
Table:	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552
Sort:								
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:				>= 3000 And <= 5999	= 1	= "Tasmania"	>= 560	
or:				>= 7500 And <= 8999	= 2	= "Victoria"		< 75

CustId	Surname	Gender	LoyaltyPts	Rating	State	SalesThisYea	SalesLastYea
1007	Foskett	M	5100	1	Tasmania	758	114
1059	Dunningham	M	3200	1	Tasmania	601	205
1061	Melocco	F	3620	1	Tasmania	657	263
1062	Cornish	M	4770	1	Tasmania	989	20
1064	Bungaree	M	4470	1	Tasmania	1012	1873
1071	Ranken	F	3980	1	Tasmania	762	564
1140	Dobie	M	5090	1	Tasmania	700	651
1174	Buckland	F	7560	2	Victoria	0	0
1202	Benjafield	F	8800	2	Victoria	159	55
1226	Nina	M	8820	2	Victoria	238	60
1269	Unaipon	F	8200	2	Victoria	0	0
1313	Opas	M	8650	2	Victoria	30	21
1341	Lush	F	8200	2	Victoria	10	12
1346	Jardine	M	7770	2	Victoria	7	4
1347	Perry	F	8250	2	Victoria	65	15
1455	Hoffnung	F	8660	2	Victoria	0	0
1490	Ash	F	8910	2	Victoria	13	19
1494	Tewksbury	F	8210	2	Victoria	0	0
1753	Anthon	M	8150	2	Victoria	0	0

### Credit 1c

Paste your screen capture(s) for this task here.

Field:	CustId	GivenName	Surname	DateOfBirth	PostCode
Table:	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552	CUSTOMER2552
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:				>=#12/31/1999# And <=#12/31/2001#	
or:					

CustId	GivenName	Surname	DateOfBirth	PostCode
1002	Audrey	Ngabidj	6/7/2000	7150
1079	Piper	Lazarev	4/8/2001	7250
1522	Olivia	Medley	1/5/2000	3377
1762	Aiden	Salisbury	7/4/2000	3636
1999	Charlotte	Glassey	7/3/2000	5062
2366	Ashley	Pearce	5/2/2000	2715
2375	Mia	Douglass	6/6/2000	2140
2682	Anna	Cracknell	10/4/2000	2325
2965	Logan	Harney	2/4/2000	2439
3037	Logan	Kohler	6/13/2000	2440
3341	Alyssa	Bogle	5/12/2000	4275
3435	Abbey	Kayser	3/26/2000	4303
3603	Jade	Whitlam	4/22/2000	4427
3900	Justin	Oakes	9/8/2000	4856

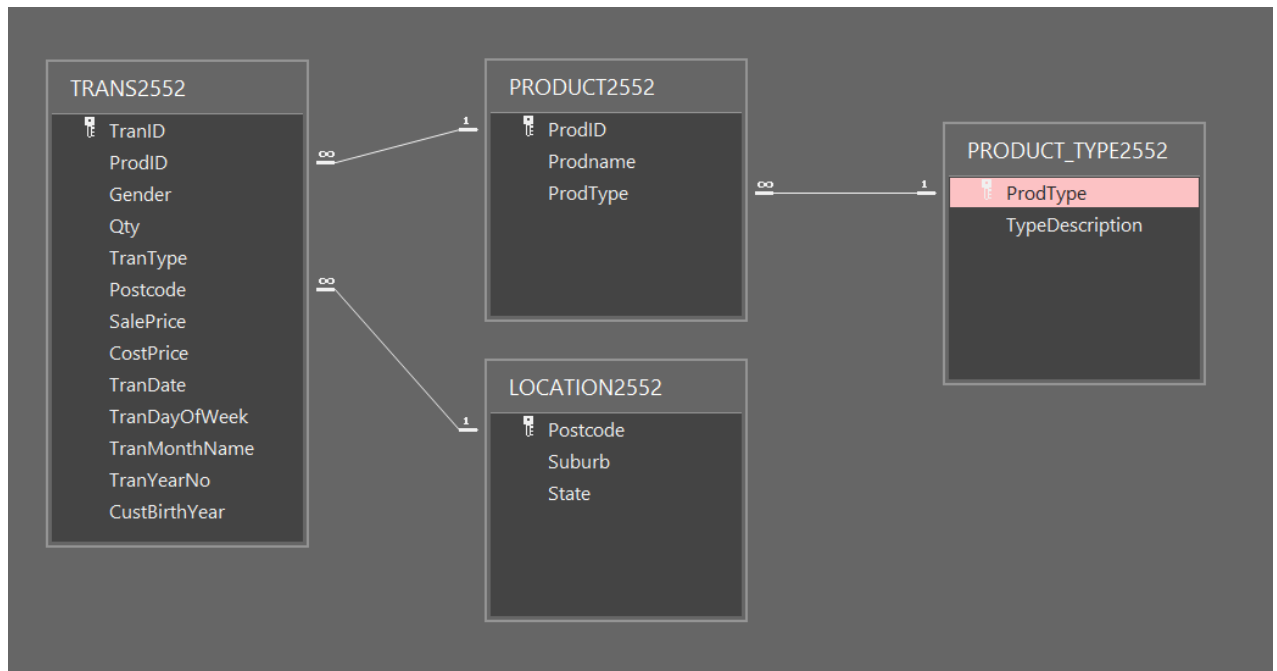
### Credit 1d

Paste your screen capture(s) for this task here.

3994 M	Mr.	Ping	Deshi	87 Bayfield Driv Copping	Tasmania	7140 Australia
3995 F	Ms.	Abbey	Laseron	17/85 Rupara R Hope Valley	South Australia	5090 Australia
3996 M	Mr.	Andrew	Dorron	58 Bayfield Roa Copping	Tasmania	7174 Australia
3997 M	Mr.	David	Kates	24 Rupara Rd Hope Valley	South Australia	5090 Australia
3998 M	Mr.	Michael	Diggles	32 Bayfield Roa Highcroft	Tasmania	7183 Australia
4000 F	Ms.	Maddison	Goodenough	32 Village Boule Edmondson Pa	New South Wal	2174 Australia
104082552 M	Mr.	Nhat Minh	Tran	13 Huckson St Melbourne	Victoria	3000 Australia

### Credit 1e

Paste your screen capture(s) for this task here.



### Credit 1f

Paste your screen capture(s) for this task here.

Field:	TranID	ProdID	Prodname	TypeDescription	Qty	TranDate
Table:	TRANS2552	PRODUCT2552	PRODUCT2552	PRODUCT_TYPE2552	TRANS2552	TRANS2552
Sort:						
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					> = 10	#3/1/2011#
or:						

TranID	ProdID	Prodname	TypeDescrip	Qty	TranDate
12593226	42	Silverplanet	LifeStyle	10	3/1/2011
22954091	12	Jaysuntex	LifeStyle	10	3/1/2011
28351535	61	Good-Ron	LifeStyle	12	3/1/2011
39528029	15	Scot-trax	Fashion	12	3/1/2011
53171309	63	Lat Tight	Fashion	10	3/1/2011
55995332	10	Sanstrong	LifeStyle	10	3/1/2011
56235265	20	Damzodax	LifeStyle	10	3/1/2011
64927113	20	Damzodax	LifeStyle	20	3/1/2011
66629716	64	Zathdex	LifeStyle	10	3/1/2011
74858103	28	Viaholdings	Pharmacy	10	3/1/2011
83862953	67	Med-Zap	Fashion	10	3/1/2011
85285928	10	Sanstrong	LifeStyle	20	3/1/2011
92948888	75	Unocantone	LifeStyle	24	3/1/2011

**Credit 1g**

Paste your screen capture(s) for this task here.

Field:	TranDate	TranID	Prodname	SalePrice	Qty	Suburb	CustBirthYear
Table:	TRANS2552	TRANS2552	PRODUCT2552	TRANS2552	TRANS2552	LOCATION2552	TRANS2552
Sort:							
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			="Highway" Or "Touchtrax"		="Balwyn"		
or:							

TranDate	TranID	Prodname	SalePrice	Qty	Suburb	CustBirthYear
6/11/2010	53024430	Touchtrax	\$42.50	20	BALWYN	1959
3/10/2011	58413842	Highway	\$70.40	2	BALWYN	1994
4/13/2011	50058779	Touchtrax	\$44.60	5	BALWYN	1956
4/30/2011	82193951	Touchtrax	\$44.60	2	BALWYN	1962
6/28/2011	55848363	Touchtrax	\$44.60	5	BALWYN	1985
4/13/2012	6666705	Touchtrax	\$46.80	2	BALWYN	1968
5/5/2012	56828278	Touchtrax	\$46.80	10	BALWYN	1951
2/15/2013	72758989	Touchtrax	\$48.90	2	BALWYN	1950
6/9/2013	99698475	Touchtrax	\$48.90	20	BALWYN	1974
6/28/2013	26534460	Highway	\$77.00	2	BALWYN	1990
8/2/2013	23614714	Touchtrax	\$48.90	20	BALWYN	2000
9/4/2013	29939836	Touchtrax	\$48.90	5	BALWYN	2000
5/17/2014	75315658	Touchtrax	\$51.00	5	BALWYN	1960
9/13/2014	80040816	Touchtrax	\$51.00	10	BALWYN	1968
12/4/2014	91587436	Highway	\$80.40	4	BALWYN	1999

**Credit 1h**

Paste your screen capture(s) for this task here.

Part 1:

Field:	Qty	Prodname
Table:	TRANS2552	PRODUCT2552
Total:	Count	Group By
Sort:		
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:		"Touchtrax"
or:		

T1CG_2552	T1CH_2552
CountOfQty	Prodname
4725	Touchtrax

The product "Touchtrax" has been sold 4725 times.

Part 2:

Field:	Prodname	SalePrice	TranYearNo
Table:	PRODUCT2552	TRANS2552	TRANS2552
Total:	Group By	Group By	Group By
Sort:			
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:	"Touchtrax"		
or:			

T1CF_2552		T1CH_2552	
Prodname	SalePrice	TranYearNo	
Touchtrax	\$42.50	2010	
Touchtrax	\$44.60	2011	
Touchtrax	\$46.80	2012	
Touchtrax	\$48.90	2013	
Touchtrax	\$51.00	2014	

There were total 5 different prices of this product has been sold.

The price of this product has been increasing over the period year 2010-2014.

### Credit 1i

Paste your screen capture(s) for this task here.

Field:	TranDayOfWeek	Total: Qty
Table:	TRANS2552	TRANS2552
Total:	Group By	Sum
Sort:		Ascending
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:		
or:		

TranDayOfWeek	Total
Tue	159615
Sat	159919
Mon	160359
Thu	160640
Fri	160693
Wed	161288
Sun	163064

**Credit 1j**

Paste your screen capture(s) for this task here.

PRODUCT

Form Header

Nhat Minh Tran  
104082552

Detail

Product ID: ProdID

Product Name: Prodname

Product Type Code: ProdType