**DBS311 Assignment#2**

GROUP MEMBERS:

James Giroux – 129198164 - [jgiroux1@myseneca.ca](mailto:jgiroux1@myseneca.ca)

Soni Dev Alpeshbhai – 130759210 – [dasoni4@myseneca.ca](mailto:dasoni4@myseneca.ca)

Le Chanh Tin Luong – 154574214 – [lluong7@myseneca.ca](mailto:lluong7@myseneca.ca)

Section: NJJ

PART 1: ERD

Diagram

Description automatically generated

PART 2: DDL/DML Screenshots

Table

Description automatically generated with low confidenceGraphical user interface, text, application

Description automatically generatedGraphical user interface, text, email

Description automatically generatedTable

Description automatically generated with medium confidenceGraphical user interface, text, application, email

Description automatically generatedGraphical user interface

Description automatically generated with low confidenceTable

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text, application, email

Description automatically generated

PART 3: STORED PROCEDURE – Screenshot

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create or replace PROCEDURE Recording\_Selling\_Price\_Report AS

avgprice NUMBER;

countLOW NUMBER;

countHIGH NUMBER;

sp NUMBER;

CURSOR sp\_cursor IS

SELECT sell\_price

FROM recording;

BEGIN

countLOW :=0;

countHIGH :=0;

SELECT AVG(sell\_price) INTO avgprice

FROM recording;

OPEN sp\_cursor;

LOOP

FETCH sp\_cursor INTO sp;

EXIT WHEN sp\_cursor%NOTFOUND;

IF (sp < avgprice) THEN

countLOW := (countLOW +1);

ELSE countHIGH := (countHIGH +1);

END IF;

END LOOP;

DBMS\_OUTPUT.PUT\_LINE ('Category LOW has '|| countLOW||' recordings');

DBMS\_OUTPUT.PUT\_LINE ('Category HIGH has '|| countHIGH||' recordings');

IF sp\_cursor%ISOPEN THEN

CLOSE sp\_cursor;

END IF;

END;

SET SERVEROUTPUT ON;

EXECUTE RECORDING\_SELLING\_PRICE\_REPORT;

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

PART 4: No-SQL Design

db.customers.insert([

{"customer\_id" : "1", "first\_name" : "James", "last\_name" : "Giroux", "email" : "jgiroux1@myseneca.ca",

"dob" : "02-OCT-1979", "street" : "25 Smith pkwy", "city" : "Toronto", "province" : "ON", "postal\_code" : "M2M1X6", "phone\_num" : "(647)-924-5369"},

{"customer\_id" : "2", "first\_name" : "Robert", "last\_name" : "Smith", "email" : "rsmith2@myseneca.ca",

"dob" : "20-JAN-1999", "street" : "12 Fuzzy Ln.", "city" : "Toronto", "province" : "ON", "postal\_code" : "M4J1L8", "phone\_num" : "(647)-435-1342"},

{"customer\_id" : "3", "first\_name" : "Mike", "last\_name" : "Rand", "email" : "mrand23@myseneca.ca",

"dob" : "15-AUG-2001", "street" : "2342 Baview Ave", "city" : "North York", "province" : "ON", "postal\_code" : "M6J1S4", "phone\_num" : "(416)-723-1755"},

{"customer\_id" : "4", "first\_name" : "Tiffany", "last\_name" : "LeMieu", "email" : "tlemieu@myseneca.ca",

"dob" : "06-JUL-1985", "street" : "108 Broadview Ave.", "city" : "Toronto", "province" : "ON", "postal\_code" : "M1E6F2", "phone\_num" : "(416)-547-1298"},

{"customer\_id" : "5", "first\_name" : "Jennifer", "last\_name" : "Laurence", "email" : "jlaurence@myseneca.ca",

"dob" : "26-Dec-1989", "street" : "5 Young St.", "city" : "Toronto", "province" : "ON", "postal\_code" : "M1R2D4", "phone\_num" : "(647)-519-5656"},

{"customer\_id" : "6", "first\_name" : "Donald", "last\_name" : "Dolphin", "email" : "ddolphin@myseneca.ca",

"dob" : "12-FEB-1981", "street" : "35 Wooten Way", "city" : "Markham", "province" : "ON", "postal\_code" : "L3R4J5", "phone\_num" : "(905)-672-1783"},

{"customer\_id" : "7", "first\_name" : "Mike", "last\_name" : "Tonelli", "email" : "mtonelli@myseneca.ca",

"dob" : "14-MAR-1987", "street" : "562 Steeles Ave E", "city" : "Thornhill", "province" : "ON", "postal\_code" : "L8Z1H5", "phone\_num" : "(905)-719-6429"},

{"customer\_id" : "8", "first\_name" : "Carl", "last\_name" : "Schafer", "email" : "cshafer@myseneca.ca",

"dob" : "06-SEP-1967", "street" : "1234 Keele St.", "city" : "Etobicoke", "province" : "ON", "postal\_code" : "M7G3D8", "phone\_num" : "(647)-846-5369"},

{"customer\_id" : "9", "first\_name" : "Aida", "last\_name" : "Muldar", "email" : "amulder@myseneca.ca",

"dob" : "22-JUL-1960", "street" : "123 Moore Park Ave.", "city" : "North York", "province" : "ON", "postal\_code" : "M2M2R4", "phone\_num" : "(416)-656-6656"},

{"customer\_id" : "10", "first\_name" : "Amanda", "last\_name" : "Strathdee", "email" : "astrathdee2@myseneca.ca",

"dob" : "02-OCT-1979", "street" : "54 Hounslow Ave.", "city" : "North York", "province" : "ON", "postal\_code" : "M52J1X", "phone\_num" : "(647)-882-8282"}

])

db.orders.insert([

{"order\_id" : "1", "customer\_id" : "3", "order\_date" : "12-NOV-2021", "order\_total" : "34.56"

},

{"order\_id" : "2", "customer\_id" : "1", "order\_date" : "11-OCT-2022", "order\_total" : "99.95"

},

{"order\_id" : "3", "customer\_id" : "4", "order\_date" : "28-JAN-2022", "order\_total" : "9.99"

},

{"order\_id" : "4", "customer\_id" : "8", "order\_date" : "08-AUG-2021", "order\_total" : "359.8"

},

{"order\_id" : "5", "customer\_id" : "6", "order\_date" : "25-NOV-2022", "order\_total" : "155.88"

}

])

db.payment.insert([

{"card\_number" : "4520432156788765", "order\_id" : "1", "card\_holder" : "James Giroux", "exp\_date" : "02/26", "card\_type" : "VISA"

},

{"card\_number" : "4520474592348723", "order\_id" : "2", "card\_holder" : "Robert Smith", "exp\_date" : "08/25", "card\_type" : "VISA"

},

{"card\_number" : "4520659123877634", "order\_id" : "3", "card\_holder" : "Mike Rand", "exp\_date" : "04/24", "card\_type" : "VISA"

},

{"card\_number" : "4520675488912546", "order\_id" : "4", "card\_holder" : "Donald Dolphin", "exp\_date" : "09/25", "card\_type" : "VISA"

},

{"card\_number" : "4520657299237610", "order\_id" : "5", "card\_holder" : "Carl Schafer", "exp\_date" : "06/23", "card\_type" : "VISA"

}

])

db.categories.insert([

{"category\_id" : "1", "cat\_desc" : "RANDB"},

{"category\_id" : "2", "cat\_desc" : "Jazz"},

{"category\_id" : "3", "cat\_desc" : "Metal Rock"},

{"category\_id" : "4", "cat\_desc" : "Alt Rock"},

{"category\_id" : "5", "cat\_desc" : "Easy Rock"},

{"category\_id" : "6", "cat\_desc" : "Classic Rock"},

{"category\_id" : "7", "cat\_desc" : "Hip-Hop"}

])

db.label\_company.insert([

{"label\_id" : "100", "label\_name" : "Smooth Records", "website" : "www.smoothrecords.com"},

{"label\_id" : "200", "label\_name" : "Rockin Records", "website" : "www.rockinrecords.com"}

])

db.region.insert([

{"region\_id" : "1", "region\_name" : "Americas"},

{"region\_id" : "2", "region\_name" : "Europe"}

])

db.sales\_rep.insert([

{"rep\_id" : "10", "label\_id" : "100", "region\_id" : "1", "first\_name" : "Harry", "last\_name" : "Styles", "phone\_num" : "(416)321-4567", "email" : "hstyles@smoothrecords.com"},

{"rep\_id" : "20", "label\_id" : "200", "region\_id" : "2", "first\_name" : "Joseph", "last\_name" : "Smith", "phone\_num" : "(416)454-2556", "email" : "jsmith23@rockinrecords.com"},

{"rep\_id" : "30", "label\_id" : "100", "region\_id" : "1", "first\_name" : "Jen", "last\_name" : "Holmes", "phone\_num" : "(647)884-9100", "email" : "jholmes12@smoothrecords.com"},

{"rep\_id" : "40", "label\_id" : "200", "region\_id" : "2", "first\_name" : "Amanda", "last\_name" : "Jones", "phone\_num" : "(416)444-6523", "email" : "ajones10@rockinrecords.com"},

{"rep\_id" : "50", "label\_id" : "100", "region\_id" : "1", "first\_name" : "Barb", "last\_name" : "Lawrence", "phone\_num" : "(647)222-6565", "email" : "blaurence@smoothrecords.com"},

{"rep\_id" : "60", "label\_id" : "200", "region\_id" : "2", "first\_name" : "Richard", "last\_name" : "Wessel", "phone\_num" : "(416)434-1212", "email" : "rwessel@rockinrecords.com"}

])

db.recording.insert([

{"recording\_id" : "10", "title" : "Whats Going On", "artist" : "Marvin Gaye", "sell\_price" : "15.25", "qty\_stock" : "34", "category\_id" : "1", "label\_id" : "200"},

{"recording\_id" : "20", "title" : "Kind of Blue", "artist" : "Miles Davis", "sell\_price" : "19.99", "qty\_stock" : "22", "category\_id" : "2", "label\_id" : "200"},

{"recording\_id" : "30", "title" : "Ride the Lightning", "artist" : "Metalica", "sell\_price" : "9.99", "qty\_stock" : "12", "category\_id" : "3", "label\_id" : "100"},

{"recording\_id" : "40", "title" : "Nevermind", "artist" : "Nirvana", "sell\_price" : "9.99", "qty\_stock" : "12", "category\_id" : "4", "label\_id" : "100"},

{"recording\_id" : "50", "title" : "Rhumers", "artist" : "Fleetwood Mac", "sell\_price" : "17.99", "qty\_stock" : "18", "category\_id" : "5", "label\_id" : "100"},

{"recording\_id" : "60", "title" : "Dark Side of the Moon", "artist" : "Pink Floyd", "sell\_price" : "25.98", "qty\_stock" : "2", "category\_id" : "6", "label\_id" : "100"},

{"recording\_id" : "70", "title" : "Ready to Die", "artist" : "The Notorius BIG", "sell\_price" : "25.98", "qty\_stock" : "35", "category\_id" : "7", "label\_id" : "200"}

])

db.order\_line.insert([

{"line\_num" : "1", "order\_id" : "1", "recording\_id" : "10", "qty" : "2", "act\_price" : "15.25"},

{"line\_num" : "2", "order\_id" : "2", "recording\_id" : "20", "qty" : "5", "act\_price" : "19.99"},

{"line\_num" : "3", "order\_id" : "3", "recording\_id" : "30", "qty" : "1", "act\_price" : "9.99"},

{"line\_num" : "4", "order\_id" : "4", "recording\_id" : "40", "qty" : "20", "act\_price" : "17.99"},

{"line\_num" : "5", "order\_id" : "5", "recording\_id" : "50", "qty" : "6", "act\_price" : "25.98"}

])

db.record\_hist.insert([

{"price\_num" : "1", "recording\_id" : "10", "price" : "15.25", "st\_date" : "01-JAN-2020"},

{"price\_num" : "2", "recording\_id" : "20", "price" : "19.99", "st\_date" : "01-JAN-2020"},

{"price\_num" : "3", "recording\_id" : "30", "price" : "9.99", "st\_date" : "01-JAN-2020"},

{"price\_num" : "4", "recording\_id" : "40", "price" : "17.99", "st\_date" : "01-JAN-2020"},

{"price\_num" : "5", "recording\_id" : "50", "price" : "25.98", "st\_date" : "01-JAN-2020"}

])