CS338 Project Proposal
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Option A: Database Design Project

Database option 1 is about cosmetics brands and products. I will create tables showing brand information, cosmetics categories, products, orders, customers, etc. The brand and product information are real since I will refer to the website sephora.ca. Therefore, I will develop these existing data by hand. The order and customer information will be generated using tools like random generators.

Database option 2 is about food and restaurants. For example, restaurant names, restaurant types, food categories, food names, order information and customer information. I will display real restaurant information including names and locations. I will generate food information by hand using Uber Eats. The order and customer information will be generated using tools.

1) **Database Option 1: Cosmetics**

Brand_Id	Brand	Country	Founder
2006	BECCA Cosmetics	Australia	Rebecca Williams
3008	Chloe	France	Gaby Aghion
4009	Dior	France	Christian Dior
5006	Estee Lauder	America	Estee Lauder

Table name: Brand
Create table Brand(Brand_Id integer primary key, Brand text, Country text, Founder text)
Insert into Brand values(2006, "BECCA Cosmetics", "Australia", "Rebecca Williams")
Insert into Brand values(3008, "Chloe", "France", "Gaby Aghion")
Insert into Brand values(4009, "Dior", "France", "Christian Dior")

Order_Id	Price	Customer	Address	City	Country	Phone#
215346	43.50	AA Huff	4301 Parkdale Avenue	Hamilton	Canada	9056287669
153432	88.00	Safiya Wardle	138 Faith Way Rd	Walland	America	8659841804
123412	120.34	Harlan Mac	5-500 Grove Ave	Burnaby	Canada	6042999821

Table name: Cos_Order
Create table Cos_Order(Order_Id integer primary key, Price real, Customer text, Address text, City text, Country text, Phone$ integer)
Insert into Cos_Order values(215346, 43.50, "AA Huff", "4301 Parkdale Avenue", "Hamilton", Canada, 905-628-7669)

Insert into Cos_Order values(153432, 88.00, "Safiya Wardle", "138 Faith Way Rd", "Walland", "America", 865-984-1804)

Insert into Cos_Order values(123412, 120.34, "Harlan Mac", "5-500 Grove Ave", "Burnaby", "Canada", 604-299-9821)

Category_Id	Type	Description
008	Eyeshadow	a cosmetic cream or powder in one of various colors that is applied to the eyelids to accent the eyes
003	Foundation	a cosmetic usually used as a base for makeup
004	Lipstick	a waxy solid usually colored cosmetic in stick form for the lips

Table name: Category

Create table Category(Category_Id integer primary key, Type text, Description text)

Insert into Category values(008, "Eyeshadow", "a cosmetic cream or powder in one of various colors that is applied to the eyelids to accent the eyes")

Insert into Category values(003, "Foundation", "a cosmetic usually used as a base for makeup")

Insert into Category values(004, "Lipstick", "a waxy solid usually colored cosmetic in stick form for the lips")

Product_Id	Product_name	Type	Category_Id	Brand	Price
2283166	Lip Maestro Liquid Matte Lipstick	Lipstick	004	Armani Beauty	49
1996479	Shimmering Skin Perfector	Highlighter	007	BECCA Cosmetics	29.5
2218790	Luxury Eyeshadow Palette	Eyeshadow	008	Charlotte Tilbury	66

Table name: Product

Create table Product(Product_Id integer primary key, Product_name text, Type text, Category_Id integer, Brand text, Price real)

Insert into Product values(2283166, "Lip Maestro Liquid Matte Lipstick", "Lipstick", 004, "Armani Beauty", 49)

Insert into Product values(1996479, "Shimmering Skin Perfector", "Highlighter", 007, "BECCA Cosmetics", 29.5)

Insert into Product values(2218790, "Luxury Eyeshadow Palette", "Eyeshadow", 008, "Charlotte Tilbury", 66)

2) Database Option 2: Restaurants

Rest_Id	Name	Address	City	Province
325146	McDonald's	362 King Street North	Waterloo	Ontario
355624	Smoke's Poutineries	4032 Confederation Pkwy	Mississauga	Ontario
452343	Starbucks	3300 Boundary Rd	Burnaby	BC

Table name: Restaurants

Create table Restaurants(Rest_Id integer primary key, Name text, Address text, City text, Province text)

Insert into Restaurants values(325146, "McDonald's", "362 King Street North", "Waterloo", "Ontario")

Insert into Restaurants values(355624, "Smoke's Poutineries", "4032 Confederation Pkwy", "Mississauga", "Ontario")

Insert into Restaurants values(452343, "Starbucks", "3300 Boundary Rd", "Burnaby", "BC")

Category_Id	Food_Type
1	Fast Food
2	Pizza
3	Asian

Table name: Food_Category

Create table Food_Category(Category_Id integer primary key, Food_Type text)

Insert into Food_Category values(1, "Fast Food")

Insert into Food_Category values(2, "Pizza")

Insert into Food_Category values(3, "Asian")

Id	Food_Name	Restaurant	Price	Rating
1332	Veggie Delite Sub	Subway	4.99	4.9
0234	Chicken Fries	Burger King	3.99	5.0
0213	Egg McMuffin	McDonald's	3.99	4.5

Table name: Food

Create table Food(Id integer primary key, Food_Name text, Restaurant text, Price real, Rating real)

Insert into Food values(1332, "Veggie Delite Sub", "Subway", 4.99, 4.9)

Insert into Food values(0234, "Chicken Fries", "Burger King", 3.99, 5.0)

Insert into Food values(0213, "Egg McMuffin", "McDonald's", 3.99, 4.5)

OrderId	Customer	Restaurant	Address	City	Phone	Price	Feedback
07854	Humairaa Bowden	Lazeez Shawarma	3795 Triumph St	Burnaby	6042990727	49.10	4.3
03918	Suzanne Matthews	McDonald's	989 Southfork Dr	Mississauga	2506754046	11.45	4.5
09371	Tracey Huff	Subway	6 Brightbay Cres	Thornhill	9058824528	15.50	4.8

Table name: Food_Order

Create table Food_Order(OrderId integer primary key, Customer text, Restaurant text, Address text, City text, Phone integer, Price real, Feedback real)

Insert into Food_Order values(07854, "Humairaa Bowden", "Lazeez Shawarma", "3795 Triumph St", "Burnaby", 6042990727, 49.10, 4.3)

Insert into Food_Order values(03918, "Suzanne Matthews", "McDonald's", "989 Southfork Dr, Mississauga", 2506754046, 11.45, 4.5)

Insert into Food_Order values(09371, "Tracey Huff", "Subway", "6 Brightbay Cres", "Thornhill", 9058824528, 15.50, 4.8)

References

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