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**Company Background**

Lush Cosmetics, a natural skincare brand, headquartered in the United Kingdom provides a diverse product line. Founders Mark Constantine, a trained trichologist and Liz Weiz, a beauty therapist were promoted by their experience in the salon business to start a nature hair and beauty products line in the 1970s. Birthed from humble beginnings, Lush is now a global brand and can be found in most major malls (Simons Mall, specifically). Lush prides itself on being a brand that creates products that don’t test on animals, uses only the freshest ingredients and is working to stand against greenwashing.

On the assignment, Alexis Cohen, Christopher Post and Pierre Moutschen are collaborating to provide the final deliverable consisting of a relational database design, SQL database, SQL queries and a reflection

**Entities & Attributes**

Product Table

1. Product ID (PK)
2. Ingredient ID (FK)
3. Product Name
4. Product Category
5. Product Number

Customer Table

1. Customer ID (PK)
2. First Name
3. Last Name
4. Customer Address
5. Phone Number
6. Credit Card Number

Employee Table

1. Employee ID (PK)
2. First Name
3. Last Name
4. Job Title
5. Age
6. Date Hired

Sales

1. Sales ID (PK)
2. Customer ID (FK)
3. Employee ID (FK)
4. Product ID (FK)
5. Order Quantity
6. Sales Total
7. Sale Date

Ingredients

1. Ingredients ID (PK)
2. Ingredients Name
3. Supplier
4. Price



**Relationships**

Product → Ingredients : 1 to Many

Sales → Products : 1 to Many

Employee → Sales : 1 to Many

Customer → Sales : 1 to Many