RDBMS Application in Business Management

Group 9 ICT

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Why Use a Relational Database

- Customer Management

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- Inventory Tracking

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- Personnel Database

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- Analysis

Our Project

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   - Authentic Mexican Food (AMF): An *imaginary* restaurant based in New York City
2. The Database
   - amf.sql: Contains the SQL queries to create tables for the database
3. The Software
   - Microsoft SQL Server: A database system that has been in use since *1989*

Schema

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   - Employees, Storage, Suppliers

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2. Middle-end
   - Orders, Deliveries, Takeaways

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   - Employees, Storage, Suppliers
2. Middle-end
   - Orders, Deliveries, Takeaways
3. Front-end
   - Foods, Tables, Customers

Contents and Purposes of Each Table

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Foods: Name, Category, Price
Tables: Seats, FloorNumber
Customers: Name, Gender, Age, Adress, Phone

How To Use The Database

1. When the customer placed an order: Insert to Orders with *FoodID*, *TableID*, *CustomerID*, *EmployeeID*
2. When the customer called the restaurant and ordered shipping: Insert to Deliveries, same as above and added *DeliveryAddress*, *DeliveryDate*
3. When the customer ordered food to bring away: Insert to Takeaways, same as above but without *TableID*
4. When products from a supplier come: Update Storage with new *Quantity* and *Date*

Examples