

# RDBMS Application in Business Management

*Group 9 ICT*

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# Why Use a Relational Database

- Customer Management

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- Personnel Database

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- Analysis

# Our Project

## ① The Organization

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## 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



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  - Employees, Storage, Suppliers

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- ② Middle-end
  - Orders, Deliveries, Takeaways
- ③ Front-end
  - Foods, Tables, Customers

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**Foods:** Name, Category, Price

**Tables:** Seats, FloorNumber

**Customers:** Name, Gender, Age, Address, 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