**Scenario:**

You are hired as a database administrator to develop a **restaurant management system** for a company named **Waya Rest**. You are required to design and implement a relational database that manages restaurants, users, menu items, orders, and administrative operations.

1. Write an SQL query to create a database named WayaRestDB.
2. Create the following tables with appropriate constraints:
3. **admin Table:** Stores administrator details.
   * adm\_id (Primary Key, Auto Increment)
   * username (VARCHAR, Unique)
   * password (VARCHAR, Should store hashed passwords)
   * email (VARCHAR, Unique, Not Null)
   * code (VARCHAR, Optional)
   * date (TIMESTAMP, Default: Current Timestamp)
4. **dishes Table:** Stores details of available menu items.
   * d\_id (Primary Key, Auto Increment)
   * rs\_id (Foreign Key referencing restaurant.rs\_id)
   * title (VARCHAR, Not Null)
   * slogan (TEXT)
   * price (DECIMAL)
   * img (VARCHAR, Stores image filename)
5. **restaurant Table:** Stores restaurant branch information.
   * rs\_id (Primary Key, Auto Increment)
   * c\_id (Foreign Key referencing res\_category.c\_id)
   * title (VARCHAR, Not Null)
   * email (VARCHAR, Unique)
   * phone (VARCHAR, Not Null)
   * url (VARCHAR, Not Null)
   * o\_hr, c\_hr (VARCHAR, Opening and Closing hours)
   * o\_days (VARCHAR, Open days per week)
   * address (TEXT, Not Null)
   * image (TEXT, Stores image filename)
6. **res\_category Table:** Stores restaurant categories (e.g., Local, Chinese, Italian).
   * c\_id (Primary Key, Auto Increment)
   * c\_name (VARCHAR, Unique, Not Null)
7. **users Table:** Stores customer details.
   * u\_id (Primary Key, Auto Increment)
   * username (VARCHAR, Unique, Not Null)
   * f\_name, l\_name (VARCHAR, Not Null)
   * email (VARCHAR, Unique, Not Null)
   * phone (VARCHAR, Not Null)
   * password (VARCHAR, Should store hashed passwords)
   * address (TEXT, Not Null)
   * status (INT, Default: 1)
   * date (TIMESTAMP, Default: Current Timestamp)
8. **users\_orders Table:** Stores order details.
   * o\_id (Primary Key, Auto Increment)
   * u\_id (Foreign Key referencing users.u\_id)
   * title (VARCHAR, Not Null)
   * quantity (INT, Not Null)
   * price (DECIMAL, Not Null)
   * status (VARCHAR, Default: NULL)
   * date (TIMESTAMP, Default: Current Timestamp)
9. Insert at least **2 admin users**.
10. Add **5 restaurant branches** with different categories.
11. Add at least **10 different dishes**.
12. Add **5 users**
13. Insert **5 sample orders** made by users.