

Displays the current date (18-NOV-24) and the user's name (Chrissie Raj) using the SYSDATE function to personalize query results.

Shows the structure of the VENDOR table, including the columns VENDOR\_ID, VENDOR\_NAME, VENDOR\_ADDRESS, and VENDOR\_PHONE, along with their data types, lengths, and constraints (e.g., NOT NULL for VENDOR\_NAME and UNIQUE for VENDOR\_PHONE).

ERD:

### **1. VENDOR Table**

* **Attributes:**
  + vendor\_id: Primary Key (PK).
  + vendor\_name: VARCHAR2(100), NOT NULL.
  + vendor\_address: VARCHAR2(200).
  + vendor\_phone: CHAR(10), UNIQUE.
* **Constraints:**
  + Correct use of PK on vendor\_id.
  + Proper application of NOT NULL and UNIQUE constraints on vendor\_name and vendor\_phone.

### **2. PRODUCT Table**

* **Attributes:**
  + product\_id: Primary Key (PK).
  + prod\_desc: VARCHAR2(255), UNIQUE.
  + prod\_price: NUMBER(10, 2), NOT NULL.
* **Constraints:**
  + Correct use of PK on product\_id.
  + Proper application of UNIQUE on prod\_desc.
  + Correct implementation of NOT NULL on prod\_price.

### **3. VENDOR\_PRODUCT (Bridge Table)**

* **Attributes:**
  + vendor\_id: Foreign Key (FK), referencing VENDOR.vendor\_id.
  + product\_id: Foreign Key (FK), referencing PRODUCT.product\_id.
  + Composite Primary Key (PK) on (vendor\_id, product\_id).
* **Relationships:**
  + Many-to-Many relationship between VENDOR and PRODUCT is accurately represented using the bridge table vendor\_product.
  + Correct use of FK constraints to link the primary keys from VENDOR and PRODUCT.

