**Topic: Wellness Clinic Medical Group**

**Assignment-5.1.2- ER Relational Schema**

**University of Colorado Denver**

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**Submitted to**

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**CREATE TABLE Region (**

**region\_id VARCHAR2(20) PRIMARY KEY,**

**region\_name VARCHAR2(255)**

**);**

**CREATE TABLE Store (**

**store\_id VARCHAR2(20) PRIMARY KEY,**

**store\_zip VARCHAR2(10),**

**region\_id VARCHAR2(20),**

**FOREIGN KEY (region\_id) REFERENCES Region(region\_id)**

**);**

**CREATE TABLE Customer (**

**customer\_id VARCHAR2(20) PRIMARY KEY,**

**name VARCHAR2(255),**

**zip\_code VARCHAR2(10)**

**);**

**CREATE TABLE Vendor (**

**vendor\_id VARCHAR2(20) PRIMARY KEY,**

**vendor\_name VARCHAR2(255)**

**);**

**CREATE TABLE Category (**

**category\_id VARCHAR2(20) PRIMARY KEY,**

**category\_name VARCHAR2(255)**

**);**

**CREATE TABLE Product (**

**product\_id VARCHAR2(20) PRIMARY KEY,**

**product\_name VARCHAR2(255),**

**price DECIMAL(10,2),**

**vendor\_id VARCHAR2(20),**

**category\_id VARCHAR2(20),**

**FOREIGN KEY (vendor\_id) REFERENCES Vendor(vendor\_id),**

**FOREIGN KEY (category\_id) REFERENCES Category(category\_id)**

**);**

**CREATE TABLE Sales\_Transaction (**

**transaction\_id VARCHAR2(20) PRIMARY KEY,**

**t\_date DATE,**

**store\_id VARCHAR2(20),**

**customer\_id VARCHAR2(20),**

**FOREIGN KEY (store\_id) REFERENCES Store(store\_id),**

**FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id)**

**);**

**CREATE TABLE Sales\_Transaction\_Product (**

**transaction\_id VARCHAR2(20),**

**product\_id VARCHAR2(20),**

**quantity INT,**

**FOREIGN KEY (transaction\_id) REFERENCES Sales\_Transaction(transaction\_id),**

**FOREIGN KEY (product\_id) REFERENCES Product(product\_id),**

**PRIMARY KEY (transaction\_id, product\_id)**

**);**