



CREATE TABLE Sellers (

name VARCHAR2(20) NOT NULL, *-- Changed INT to VARCHAR2(20) for name*

seller\_id INT NOT NULL,

phone VARCHAR2(20) NOT NULL, *-- Changed INT to VARCHAR2(20) for phone numbers*

address VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for address*

PRIMARY KEY (seller\_id)

);

CREATE TABLE Categories (

category\_id INT NOT NULL,

category\_name VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for category name*

description VARCHAR2(2000), *-- Changed INT to VARCHAR2(2000) for description (optional)*

PRIMARY KEY (category\_id)

);

CREATE TABLE OrderDetails (

product\_id INT NOT NULL,

quantity INT NOT NULL,

delivery\_method VARCHAR2(20) NOT NULL,

PRIMARY KEY (product\_id)

);

CREATE TABLE Buyers (

buyer\_id INT NOT NULL,

name VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for name*

email VARCHAR2(255) NOT NULL, *-- Changed INT to VARCHAR2(255) for email*

phone VARCHAR2(20) NOT NULL, *-- Changed INT to VARCHAR2(20) for phone number*

address VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for address*

PRIMARY KEY (buyer\_id)

);

CREATE TABLE Products (

product\_id INT NOT NULL,

product\_name VARCHAR2(200) NOT NULL, *-- Changed INT to VARCHAR2(200) for product name*

description VARCHAR2(2000), *-- Changed INT to VARCHAR2(2000) for description (optional)*

price NUMBER(10,2) NOT NULL, *-- Use NUMBER for price with precision (10) and scale (2)*

category\_id INT NOT NULL,

PRIMARY KEY (product\_id),

FOREIGN KEY (category\_id) REFERENCES Categories(category\_id)

);

CREATE TABLE Orders (

order\_id INT NOT NULL,

order\_date DATE NOT NULL, *-- Use DATE for date*

tracking\_number VARCHAR2(20) NOT NULL,

product\_id INT NOT NULL,

buyer\_id INT NOT NULL,

PRIMARY KEY (order\_id, product\_id),

FOREIGN KEY (product\_id) REFERENCES OrderDetails(product\_id),

FOREIGN KEY (buyer\_id) REFERENCES Buyers(buyer\_id)

);

CREATE TABLE Reviews (

review\_id INT NOT NULL,

rating NUMBER(10,1), *-- Use NUMBER for rating with precision (10) and scale (1)*

comment\_text VARCHAR2(2000), *-- Changed INT to VARCHAR2(2000) for comment*

review\_date DATE NOT NULL, *-- Use DATE for date*

product\_id INT NOT NULL,

buyer\_id INT NOT NULL,

PRIMARY KEY (review\_id),

FOREIGN KEY (product\_id) REFERENCES Products(product\_id),

FOREIGN KEY (buyer\_id) REFERENCES Buyers(buyer\_id)

);

CREATE TABLE sell (

seller\_id INT NOT NULL,

product\_id INT NOT NULL,

PRIMARY KEY (seller\_id, product\_id),

FOREIGN KEY (seller\_id) REFERENCES Sellers(seller\_id),

FOREIGN KEY (product\_id) REFERENCES Products(product\_id)

);

CREATE TABLE include\_products (

order\_id INT NOT NULL,

product\_id INT NOT NULL,

PRIMARY KEY (order\_id, product\_id),

FOREIGN KEY (order\_id, product\_id) REFERENCES Orders(order\_id, product\_id)

);

*-- dropTables.sql*

*-- Drop the tables in the reverse order of their creation to ensure all dependencies are handled properly*

DROP TABLE include\_products CASCADE CONSTRAINTS;

DROP TABLE sell CASCADE CONSTRAINTS;

DROP TABLE Reviews CASCADE CONSTRAINTS;

DROP TABLE Orders CASCADE CONSTRAINTS;

DROP TABLE Products CASCADE CONSTRAINTS;

DROP TABLE Buyers CASCADE CONSTRAINTS;

DROP TABLE OrderDetails CASCADE CONSTRAINTS;

DROP TABLE Categories CASCADE CONSTRAINTS;

DROP TABLE Sellers CASCADE CONSTRAINTS;

*-- End of dropTables.sql*