Mock Data Documentation

Link to Spreadsheet:

⊞ Mock Data

Create SQL Tables:

1. **Note: make sure to declare your database first (look into database documentation)**

```
CREATE DATABASE naraDB;

USE naraDB;
```

```sql
-- Create Product Table
CREATE TABLE Product (
 Id INT AUTO_INCREMENT PRIMARY KEY,
 Product_Name VARCHAR(255) NOT NULL,
 Company_Name VARCHAR(255),
 Product_Id_C VARCHAR(255),
 Hazardous BOOLEAN,
 Approve VARCHAR(255),
 Date_Created DATE,
 Date_Reviewed DATE,
 Purpose VARCHAR(255),
 Photo_URL VARCHAR(255),
 Descriptions VARCHAR(1500),
 Quantity_Metric VARCHAR(255),
 Quantity_Numeric VARCHAR(255),
 Position VARCHAR(255),
 Room_Number INT
);

-- Create Test Table
CREATE TABLE Test (
 Id INT AUTO_INCREMENT PRIMARY KEY,
 Test_Name VARCHAR(255) NOT NULL,
 Test_Date DATE,
 Descriptions VARCHAR(1500),
 Result VARCHAR(255),
 Test_Sheet VARCHAR(255),
```

```sql
 Instrument_Id INT,
 FOREIGN KEY (Instrument_Id) REFERENCES Instrument(Id)
);

-- Create Employs Table
CREATE TABLE Employs (
 Product_Id INT,
 Test_Id INT,
 PRIMARY KEY (Product_Id, Test_Id),
 FOREIGN KEY (Product_Id) REFERENCES Product(Id),
 FOREIGN KEY (Test_Id) REFERENCES Test(Id)
);

-- Create Instrument Table
CREATE TABLE Instrument (
 Id INT AUTO_INCREMENT PRIMARY KEY,
 Instrument_Name VARCHAR(255) NOT NULL,
 Descriptions VARCHAR(1500)
);

-- Create Material Table
CREATE TABLE Material (
 Id INT AUTO_INCREMENT PRIMARY KEY,
 Material_Name VARCHAR(255) NOT NULL
);

-- Create Includes Table
CREATE TABLE Includes (
 Product_Id INT,
 Material_Id INT,
 PRIMARY KEY (Product_Id, Material_Id),
 FOREIGN KEY (Product_Id) REFERENCES Product(Id),
 FOREIGN KEY (Material_Id) REFERENCES Material(Id)
);
```

Insert Mock Data SQL Statements:

```sql
-- Insert data into Product Table
INSERT INTO Product (
 Product_Name,
 Company_Name,
 Product_Id_C,
```

```sql
  Hazardous,
  Approve,
  Date_Created,
  Date_Reviewed,
  Purpose,
  Photo_URL,
  Descriptions,
  Quantity_Metric,
  Quantity_Numeric,
  Position,
  Room_Number
) VALUES (
  'Plastic-film',
  'Google',
  '123nds',
  TRUE,
  'Yes',
  '2008-12-24',
  '2014-12-24',
  'Example record',
  'ksjflkasf.png',
  'Plastic is essential for recycling',
  'sheets',
  12,
  'Cabinet 2',
  1800
);

INSERT INTO Product (
  Product_Name,
  Company_Name,
  Hazardous,
  Approve,
  Date_Reviewed,
  Purpose,
  Descriptions,
  Quantity_Metric,
  Quantity_Numeric,
  Position,
  Room_Number
) VALUES (
  'Nylon-fabric',
```

```sql
  'Apple',
  FALSE,
  'With',
  '2020-09-18',
  'Exhibition',
  'Approved with blah blah blah',
  'in^2',
  30,
  'Drawer 5',
  1800
);

INSERT INTO Product (
  Product_Name,
  Company_Name,
  Product_Id_C,
  Purpose,
  Photo_URL,
  Descriptions,
  Quantity_Metric,
  Quantity_Numeric,
  Position,
  Room_Number
) VALUES (
  'Ice-cube',
  'Antartica',
  '987dfac',
  'Conservation treatment',
  '984289ufasdfas.jpg',
  'This is frozen water',
  'oz',
  24,
  'Shelve 9',
  1600
);

-- Insert data into Test Table
INSERT INTO Test (
  Test_Name,
  Test_Date,
  Descriptions,
  Result,
```

```sql
    Test_Sheet,
    Instrument_Id
) VALUES (
    'Burn-test',
    '2024-07-16',
    'They burnt stuff',
    'pass',
    '282oadfnd.csv',
    1
);

INSERT INTO Test (
    Test_Name,
    Descriptions,
    Result,
    Instrument_Id
) VALUES (
    'Age-test',
    'They aged things',
    'ongoing',
    2
);

INSERT INTO Test (
    Test_Name,
    Test_Date,
    Descriptions,
    Result,
    Instrument_Id
) VALUES (
    'Melt-test',
    '1990-04-01',
    'They melted ice',
    'see description',
    1
);

INSERT INTO Product (
    Product_Name,
    Company_Name,
    Hazardous,
    Approve,
```

```sql
 Date_Created,
 Purpose,
 Descriptions,
 Quantity_Metric,
 Quantity_Numeric,
 Position,
 Room_Number
) VALUES (
 'Cardboard-box',
 'Microsoft',
 FALSE,
 'No',
 '2019-10-11',
 'Holdings maintenance',
 'This is a literal cardboard box',
 'box',
 2,
 'Counter 1',
 1500
);

-- Insert data into ProductTest Table
INSERT INTO ProductTest (Product_Id, Test_Id) VALUES (1, 1);
INSERT INTO ProductTest (Product_Id, Test_Id) VALUES (2, 1);
INSERT INTO ProductTest (Product_Id, Test_Id) VALUES (1, 2);
INSERT INTO ProductTest (Product_Id, Test_Id) VALUES (3, 3);

-- Insert data into Instrument Table
INSERT INTO Instrument (Instrument_Name, Descriptions) VALUES ('Lighter', 'Lights
stuff on fire');
INSERT INTO Instrument (Instrument_Name, Descriptions) VALUES ('Sensor', 'Senses
temperature');

-- Insert data into Material Table
INSERT INTO Material (Material_Name) VALUES ('Plastic');
INSERT INTO Material (Material_Name) VALUES ('Paper');
INSERT INTO Material (Material_Name) VALUES ('Nylon');
INSERT INTO Material (Material_Name) VALUES ('Water');

-- Insert data into ProductMaterial Table
INSERT INTO ProductMaterial (Product_Id, Material_Id) VALUES (1, 1);
INSERT INTO ProductMaterial (Product_Id, Material_Id) VALUES (1, 2);
```

```sql
INSERT INTO ProductMaterial (Product_Id, Material_Id) VALUES (2, 1);
INSERT INTO ProductMaterial (Product_Id, Material_Id) VALUES (2, 3);
INSERT INTO ProductMaterial (Product_Id, Material_Id) VALUES (3, 4);
```