CREATE TABLE Parts (

part\_id INT PRIMARY KEY,

part\_name VARCHAR(100),

part\_description TEXT,

part\_number VARCHAR(50),

category VARCHAR(50)

status VARCHAR(50) - Picklist

flown INT

maintenance INT

);

CREATE TABLE Rules (

id INT PRIMARY KEY,

part\_id INT,

flown INT

maintenance INT

FOREIGN KEY (part\_id) REFERENCES Parts(part\_id)

);

CREATE TABLE Notification (

id INT PRIMARY KEY,

part\_id INT,

days INT

department VARCHAR(50)

FOREIGN KEY (part\_id) REFERENCES Parts(part\_id)

);

CREATE TABLE Vendors (

lead\_time\_id INT PRIMARY KEY,

supplier VARCHAR(250)

part\_id INT,

repair\_lead\_time\_days INT,

procurement\_lead\_time\_days INT,

FOREIGN KEY (part\_id) REFERENCES Parts(part\_id)

);

Category Picklist -

Aircraft Engines

Landing Gear

Avionics

Hydraulic Systems

Power Generation Equipment

Location Picklist

Singapore

London

New York

Tokyo

Stage Picklist

In Use

Requires Maintenance

In Maintenance

Discard

Department Picklist

Procurement

Maintenance

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