**In-class Assignment – CIS 4/542-02 Wednesday 9/9/20 (5 points)**

**Goal**: Implementing a database

**Description of assignment**

Create INSERT commands to populate SP database as well as data model are provided, you need to develop INSDERT Statements for SP database

**Deliverables:**

This assignment will be a team assignment.

Dr. Azarbod will create random breakout rooms

Members of each breakout room, together, will extend the following spreadsheet containing SP data

Requirement of the report

* Every team creates INSERT Statements
* Append the Insert statements at the end of CREATE table statement
* Run it to make sure it works
* Submit your script
* One of member of each breakout room should submit the report.

If you are not able to finish the assignment, you could work as a team and submit your report no later than 11:50pm on the day that this assignment is announced

Data Model for SP database

A screenshot of a social media post

Description automatically generated

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Script to CREATE SP Tables

-- This tables drops and recreates the table for the SPJ database

--DROP TABLE SP;

--DROP TABLE S;

--DROP TABLE P;

CREATE TABLE S(

S# VARCHAR(2) NOT NULL,

SNAME VARCHAR(5),

STATUS integer,

CITY VARCHAR(6),

CONSTRAINT S\_S#\_PK PRIMARY KEY (S#));

CREATE TABLE P(

P# VARCHAR(2) NOT NULL,

PNAME VARCHAR(5),

COLOR VARCHAR(5),

WEIGHT FLOAT,

CITY VARCHAR(6),

CONSTRAINT P\_P#\_PK PRIMARY KEY(P#));

CREATE TABLE SP(

S# VARCHAR(2) NOT NULL,

P# VARCHAR(2) NOT NULL,

QTY integer,

CONSTRAINT SP\_S#\_P#\_PK PRIMARY KEY (S#, P#) ,

CONSTRAINT SP\_S#\_FK FOREIGN KEY (S#) REFERENCES S(S#),

CONSTRAINT SP\_P#\_FK FOREIGN KEY (P#) REFERENCES P(P#)

);