CREATE TABLE Project (

PID INT PRIMARY KEY,

PNAME VARCHAR(20)

);

CREATE TABLE Employee (

EID INT PRIMARY KEY,

ENAME VARCHAR(20),

PID INT,

FOREIGN KEY(PID) REFERENCES Project(PID)

);

CREATE TABLE Vehicle (

VID INT PRIMARY KEY,

VMODEL VARCHAR(20),

EID NUMBER,

FOREIGN KEY (EID) REFERENCES Employee(EID)

);

CREATE TABLE Manager (

MID INT PRIMARY KEY,

MNAME VARCHAR(20),

PID INT,

FOREIGN KEY(PID) REFERENCES Project(PID)

);

INSERT INTO project VALUES(210, 'Poinsettia');

INSERT INTO project VALUES(220, 'Immortelle');

INSERT INTO project VALUES(230, 'Hibiscus');

INSERT INTO project VALUES(240, 'Ginger Lily');

INSERT INTO project VALUES(250, 'Anthuriums');

INSERT INTO Employee VALUES(10, 'Shiva', 210);

INSERT INTO Employee VALUES(20, 'Peter', 210);

INSERT INTO Employee VALUES(30, 'Oshun', 220);

INSERT INTO Employee VALUES(40, 'Oya', 230);

INSERT INTO Employee VALUES(50, 'Catherine', 230);

INSERT INTO Vehicle VALUES(310, 'Toyota', 40);

INSERT INTO Vehicle VALUES(320, 'Kia', 50);

INSERT INTO Vehicle VALUES(330, 'Mazda', 50);

INSERT INTO Vehicle VALUES(340, 'BMW', 20);

INSERT INTO Vehicle VALUES(350, 'Ciaz ', 20);

INSERT INTO Manager VALUES(410, 'Corey', 210);

INSERT INTO Manager VALUES(420, 'Liz', 220);

INSERT INTO Manager VALUES(430, 'Beth', 230);

--List all projects, displaying the project names and employee names associated with the projects.

SELECT Employee.ENAME AS "Employee's Name", Project.PNAME AS "Project's Name"

FROM Employee

INNER JOIN Project

ON Employee.PID = Project.PID;

Graphical user interface, text, application

Description automatically generated

--Display the project name and employee names associated with project named “Poinsettia”.

SELECT project.PNAME AS "Project Name", employee.ENAME AS "Employee Name"

FROM project

INNER JOIN employee

ON employee.PID = 210;

Text

Description automatically generated

--List all projects and employees, displaying project names and employee names.

--Also, include employees that are not associated with a project.

***--(NOTE: There were no emlpoyees with the ID OF 240 and 250 so the resuls were NULL)***

SELECT project.PNAME AS "Project Name", employee.ENAME AS "Employee Namm"

FROM Project

LEFT JOIN Employee

ON project.PID = employee.PID;

Graphical user interface, text, application

Description automatically generated

--List all employee names and vehicle models. Include employees that are not assigned to a vehicle.

SELECT employee.ENAME AS "Employee Name", vehicle.VMODEL AS "Vehicle Model"

FROM Employee

LEFT JOIN Vehicle

ON employee.EID = vehicle.EID;

Graphical user interface, text, application

Description automatically generated

--List all projects and include all employee names and manager names associated with the project.

SELECT project.PNAME AS

"Project Name", employee.ENAME AS "Emplolyee Name", manager.MNAME AS "Manager Name"

FROM PROJECT

INNER JOIN employee

ON project.PID = employee.PID

INNER JOIN manager

ON project.PID = manager.PID;

Graphical user interface, text, application

Description automatically generated