

ASSIGNMENT 2: Identifying Keys

Blooms Technology wants to maintain their employee's vehicle details to make parking facility flexible to the employees. The relations along with their attributes are mentioned below. Identify the candidate key(s), primary key and foreign key(s) for these relations

DEPT	Deptno	Dname	Loc					
EMP	Empno	Ename	Job	MGR	HireDate	Sal	Comm	Deptno
VEHICLE	VehicleID	VehicleName						
EMPVEHICLE	Empno	VehicleID						

SOLUTION:

1) DEPT (Deptno, Dname, Loc)

Primary Key – Deptno

2) EMP (Empno, Ename, Job, MGR, HireDate, Sal, Comm, Deptno)

Primary Key – Empno

Foreign Key – Deptno references Deptno from DEPT

3) VEHICLE (VehicleID, VehicleName)

Primary Key – VehicleID

4) EMPVEHICLE (Empno, VehicleID)

Foreign Key – Empno references Empno from EMP

Foreign Key – VehicleID references VehicleID from VEHICLE