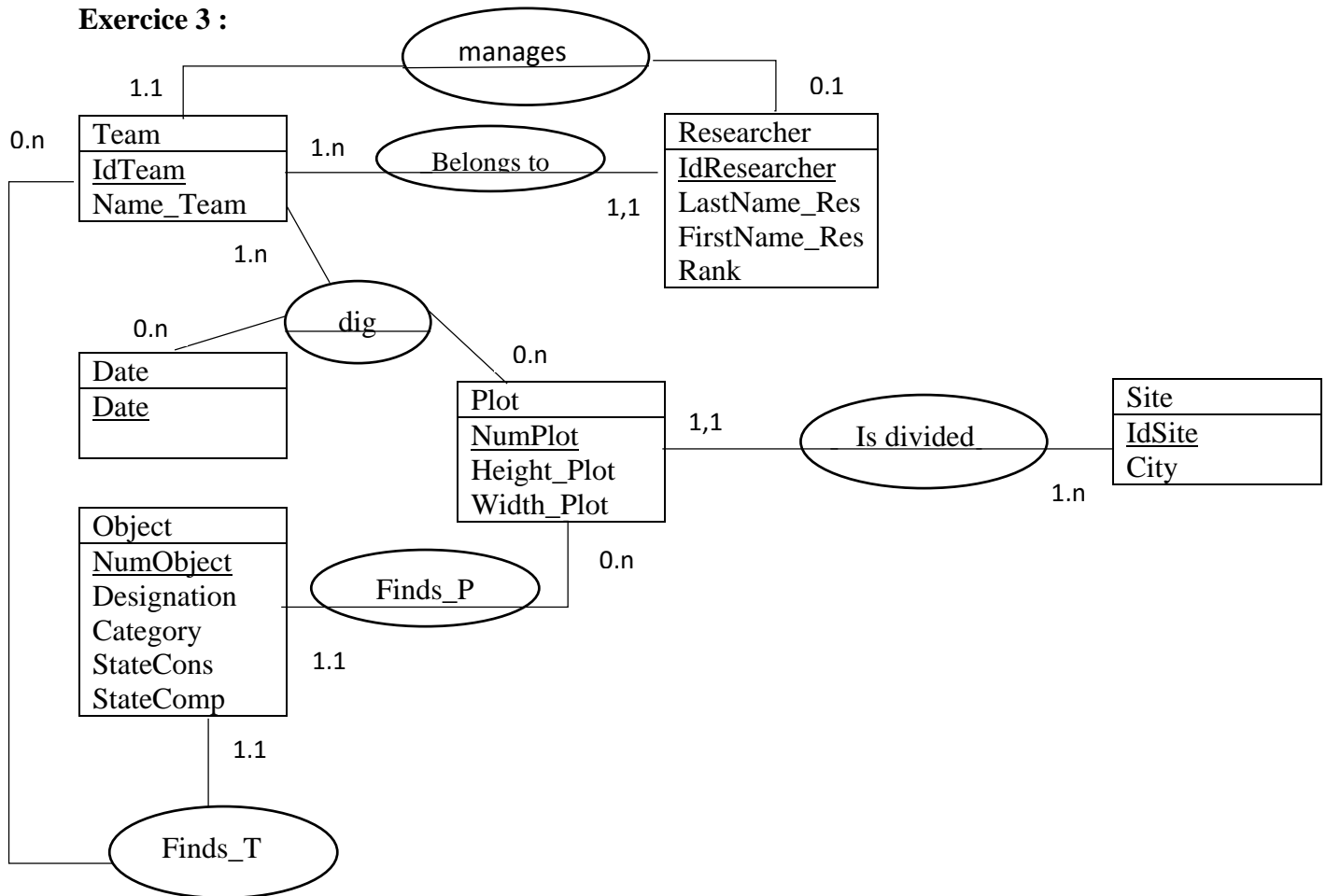## DataBases

Solution-Tutorial 5

Exercice 3 :

Figure 1- E/R model for Exacavation operations context

2- Relational Schema:

Team (IdTeam, NameTeam , Manager*)

Researcher (IdReasercher, LastNameRes, FirstNameRes Rank, IdTeam*)

Site (IdSite, City)

Plot (NumPlot, Height_Plot, Width_Plot, IdSite*)

Object (NumObject, Designation,Category, StateConv, StateComp, NumPlot*, IdTeam*)

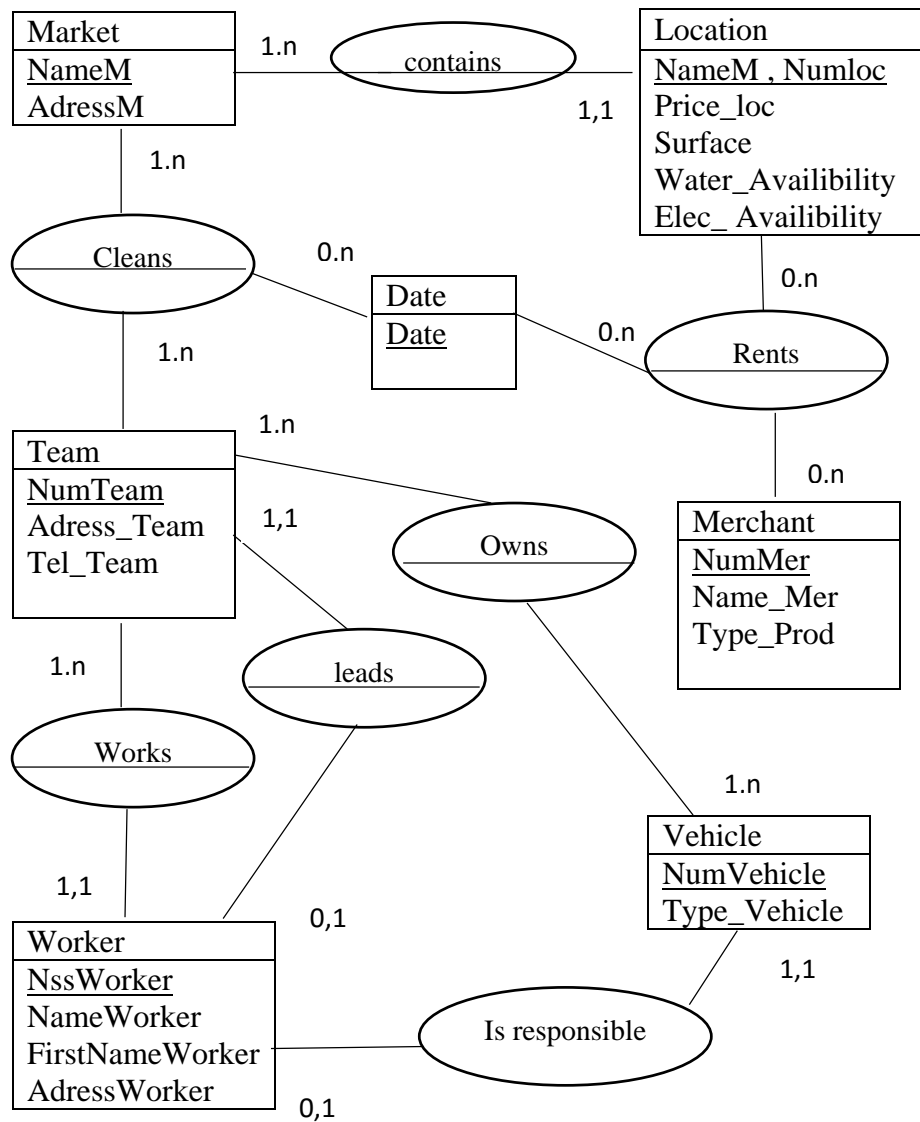Excavation (IdTeam*, NumPlot*, Date)

Exercice 4 :

Figure 2. E/R model for context of management of locations and cleaning of markets.

2- Relational schema:

Market (NameM, Adress_M)

Location (NameM*, Numloc , Price_loc, Surface, Water_Availibity, Elec_Availibity)

Team (<u>TeamNum</u>, Adress_Team, Tel_Team, leader*)

Merchant (<u>NumMer</u>, Nam_Mer, Type_Prod)

Worker (<u>NssWorker</u>, Name_Worker, FirstName_Worker, AdressWorker , Team_Num*)

Vehicle (<u>NumVehicle</u>, Type_Vehicle, Responsible*)

MarketTeam (<u>TeamNum*, NameM*, Date)</u>

MerchantLocation <u>(NameM*,NumMer*,NumLoc*,Date)</u>

TeamVehicle <u>(TeamNum*,NumVehicle*)</u>