

Entities

Company (Name, Address, Supervisor, Size)

Primary Key: Name

Department (Company, Name, Manager, Size)

Primary Key: Company, Name

Foreign Key: Company references Company (Name)

Manager references Contacts (ID)

Interaction Events (Contact, Type, Date, Comments)

Primary Key: Contact, Type, Date

Foreign Key: Contact references Contacts (ID)

Contacts (ID, Fname, Lname, Salutation, Job Title, Employer, Team,  Home, Mailing, Comments)

Primary Key: ID

Foreign Key: Employer references Company (Name)

Team references Department (Name)

Manager (ID, Secretary, Bonus)

Primary Key: ID

Foreign Key: ID references Contacts (ID)

Secretary references Contacts (ID)

Communication (ID, Home number, Office number, Fax number, Cell number, email)

Primary Key: ID

Foreign Key: ID references Contacts (ID)

General Constraints: Each manager cannot have more than 30 subordinates

Only managers may have secretaries

Secretary may not work for more than one manager

Contacts may not be a part of more than one team/department and more than one employer

↴ (EER diagram found on next page) ↴

