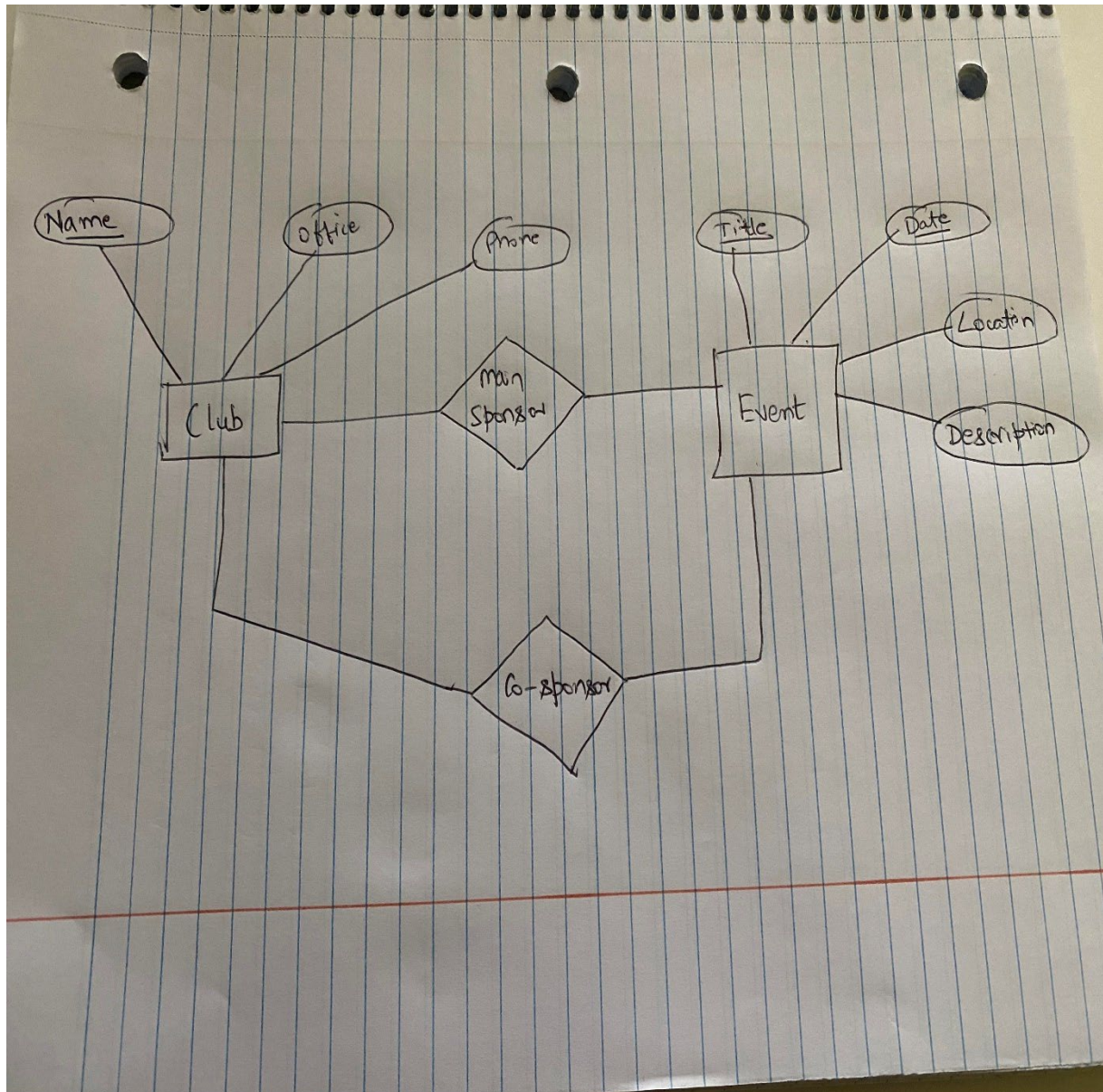


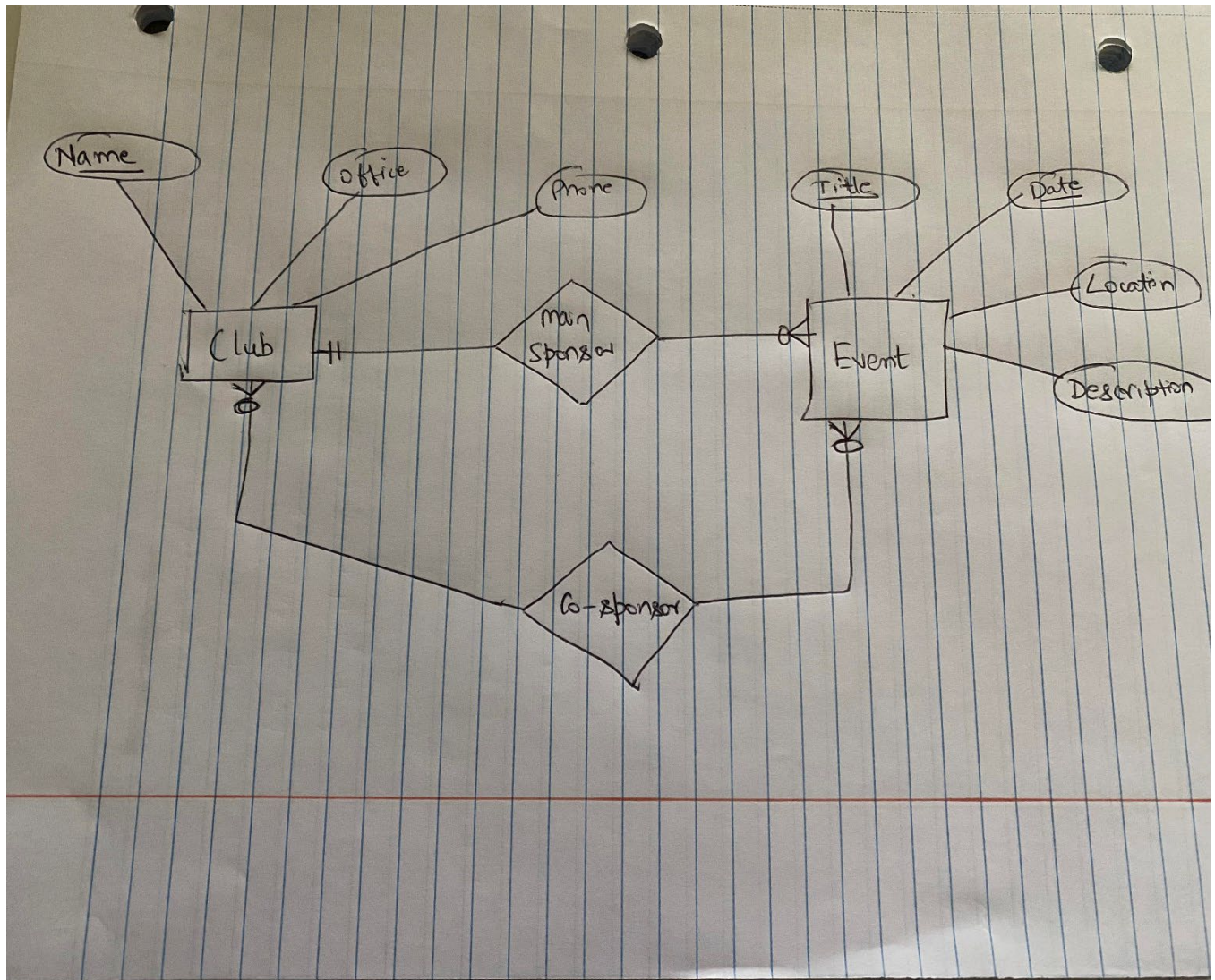
Activity 9.1 Create an E-R Diagram

Solution: - The required ER diagram is given below: -



ACTIVITY 9.2

Solution: - The required ER diagram is given below: -



- 1) Main sponsor: -
 - a) Club: -Optional, Many
 - b) Event: -Mandatory, One
- 2) Co-sponsor
 - a) Event: - optional, Many
 - b) Club: -Optional, Many

ACTIVITY 9.3 Location of Start Date

Solution: -

- 1) Start Date with Employee represents the day when the employee started at the company
- 2) Start Date with home represents the day employee started at the department. It also helps in getting the Day the department was formed.

ACTIVITY 9.3 MAIN SPONSOR AS AN ATTRIBUTE

Solution: - Since each event can have one or more sponsors and a club can sponsor zero or more events, the sponsor relationship must be many-to-many.

ACTIVITY -10.1

class (Cld, Number, Name)

Student (Sld, Name, Address, advisorId)

Adviser (AId, Name, Title)

Istaking (Cld, Sld)

Cld \rightarrow Key for class

Sld \rightarrow Key for Student

AId \rightarrow Key for Advisor

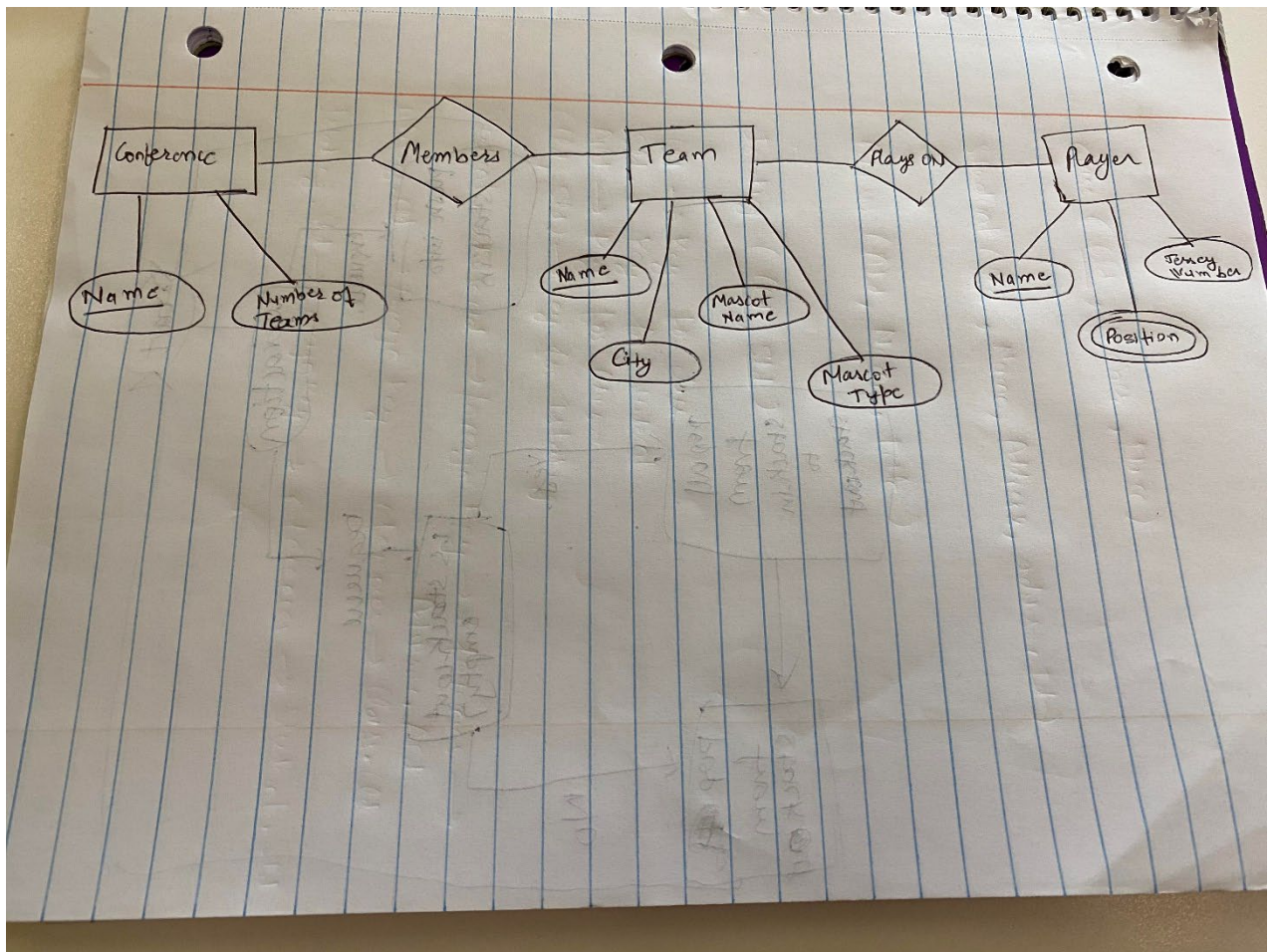
(Cld, Sld) \rightarrow Key for Istaking

Student.advisorId \rightarrow foreign key \rightarrow references \rightarrow Adviser.AId

Istaking.Cld \rightarrow foreign key \rightarrow references \rightarrow class.Cld

Istaking.Sld \rightarrow foreign key \rightarrow references \rightarrow Student.Sld

Activity 10.2



ACTIVITY 10.3

