

Isys2120 sem2 2022

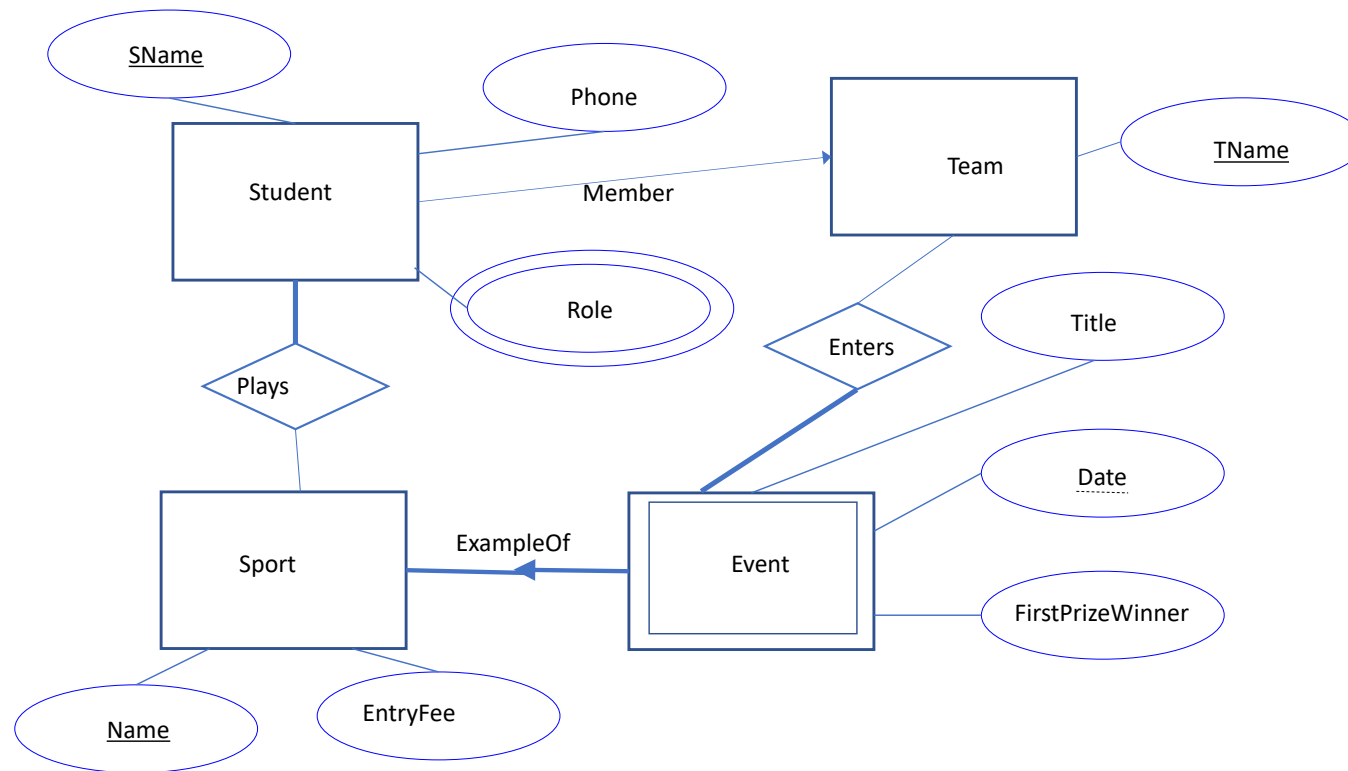
Lab week 5 guide

A. Group adjustments

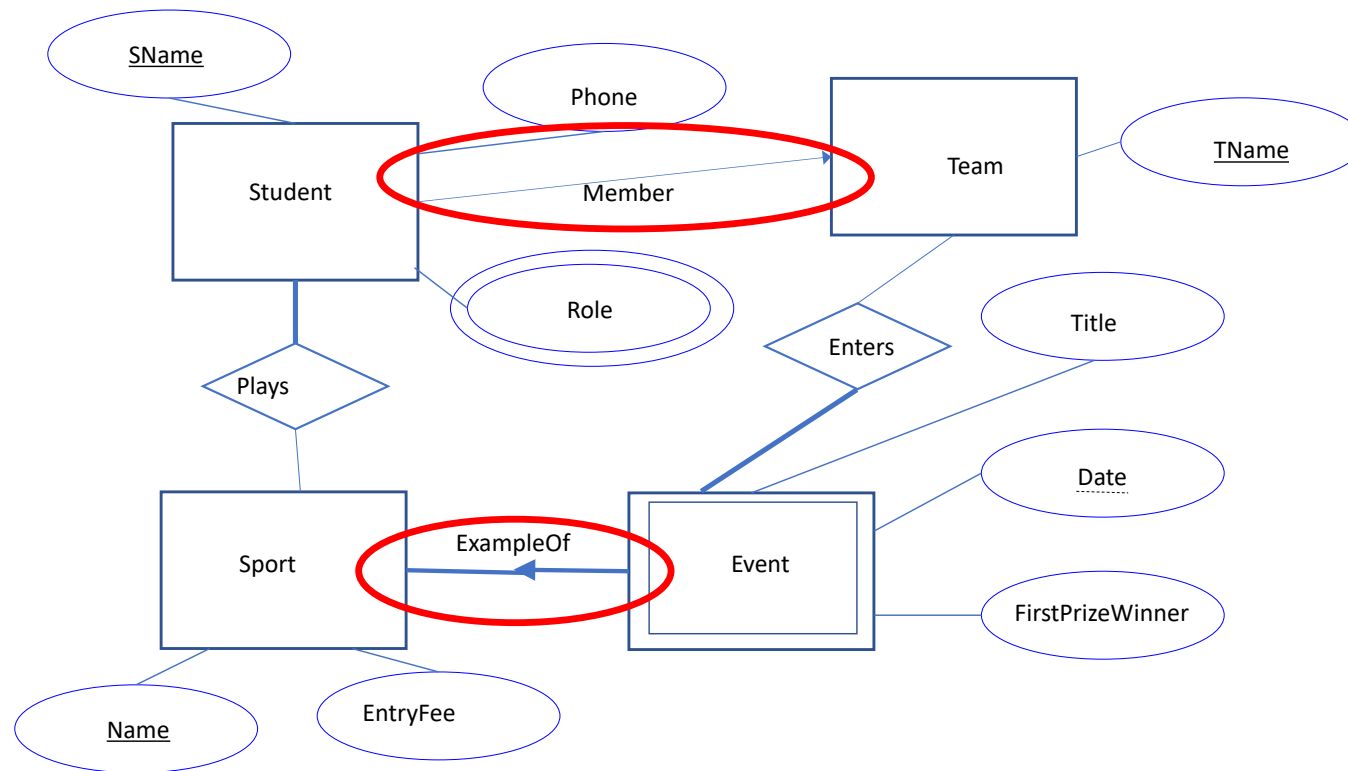
- For asst2, there are another set of groups in canvas, names start “A2_”
 - Do not make any change to your existing groups, used in Asst1
- These start with membership as in Asst1 group
 - But this can change with lab demonstrator agreement
- If you want a change (or need to change because you are no longer in the lab of your Asst1 group), then you can remove yourself from your initial A2_ group
 - Lab demonstrator will then help those outside any group, to form new groups within the lab membership

B. Considering ER diagrams

Mary's proposal. What mistakes of notation are here?

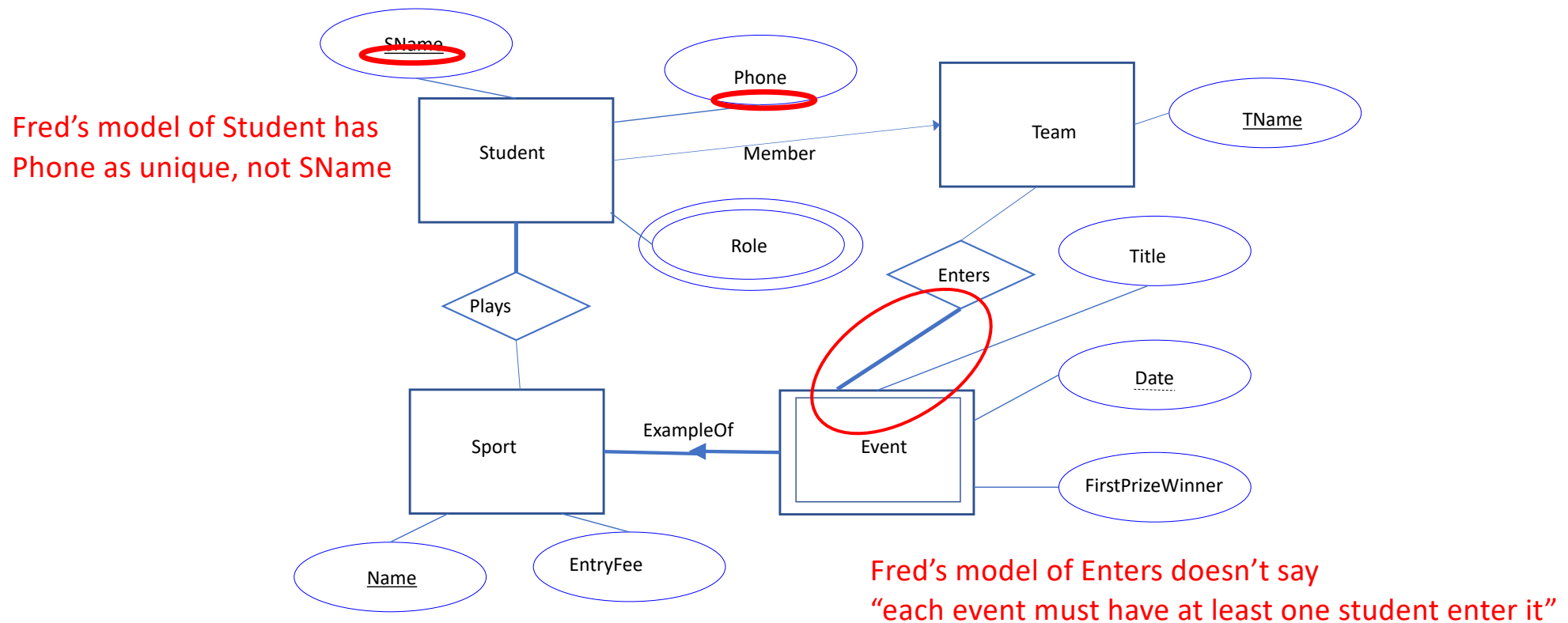


Direct line from one entity to another

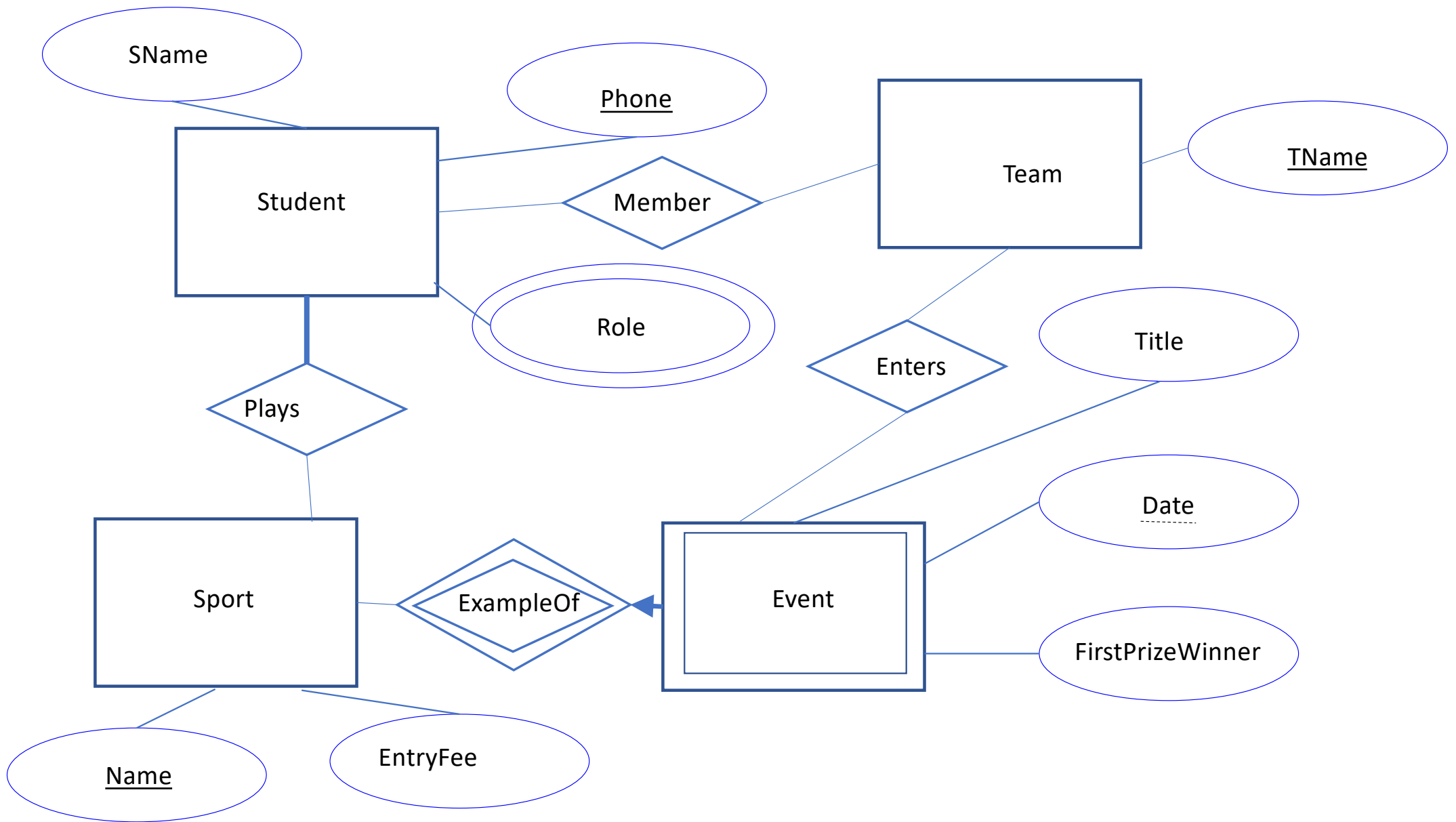


The notation we teach, has lines between Entity rectangle and Relationship diamond

Mary's Diagram doesn't exactly match Fred's model



Now draw the diagram correctly from Fred's conceptual model



(b) Poor choices in Fred's model

- Some issues to think about:
 - sports and events where teams compete, and those where individuals compete
 - Winner is from a competition, not a single event
 - Can you tell which student played on a given team during a particular event?
 - entry fee is not always the same for a given sport

(c) Produce a better conceptual model

- Many sensible choices here