

PROJECT PHASE-II: ER DIAGRAM

Team: S&S

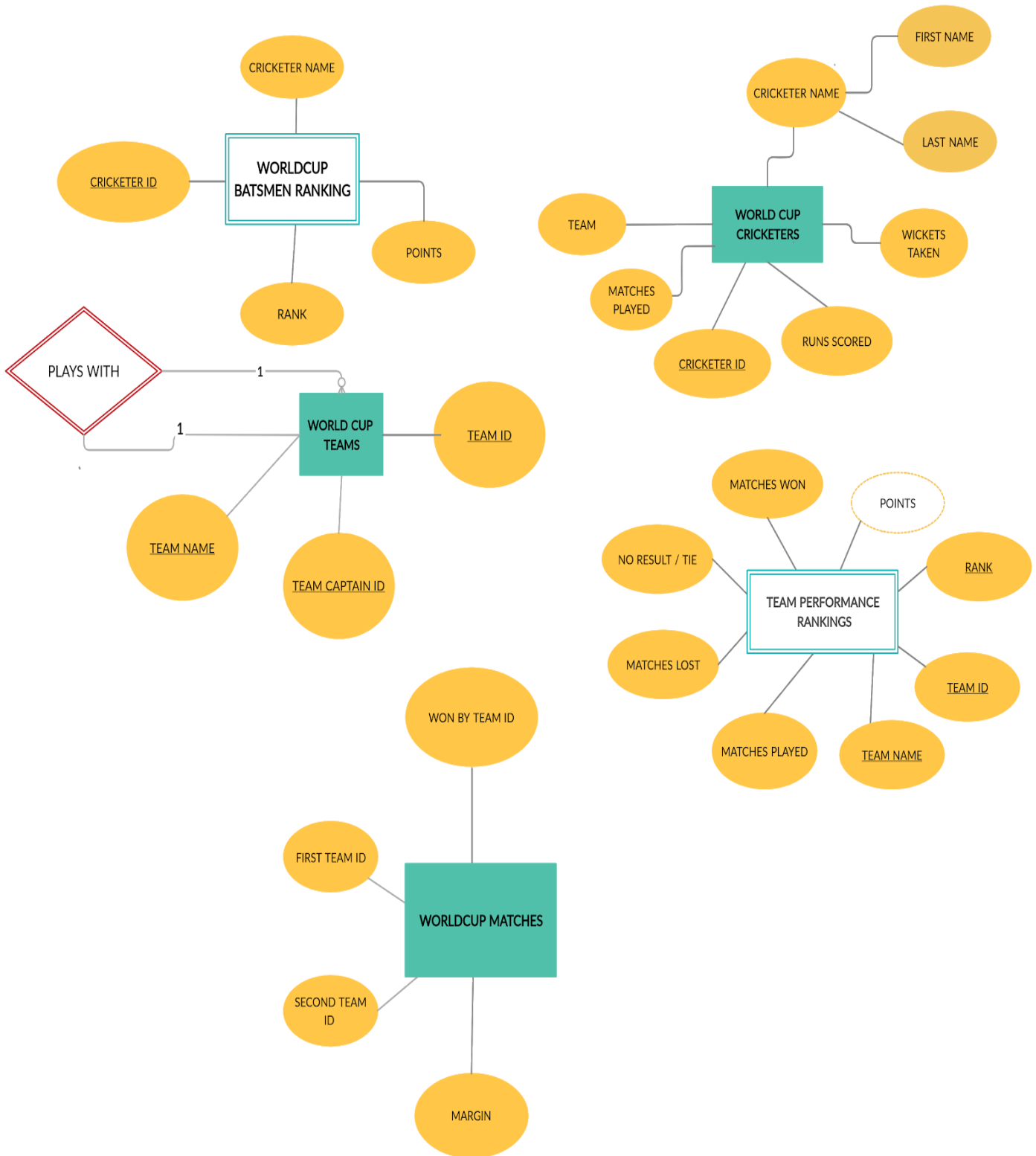
-> ER-DIAGRAM 1

-> ER-DIAGRAM 2

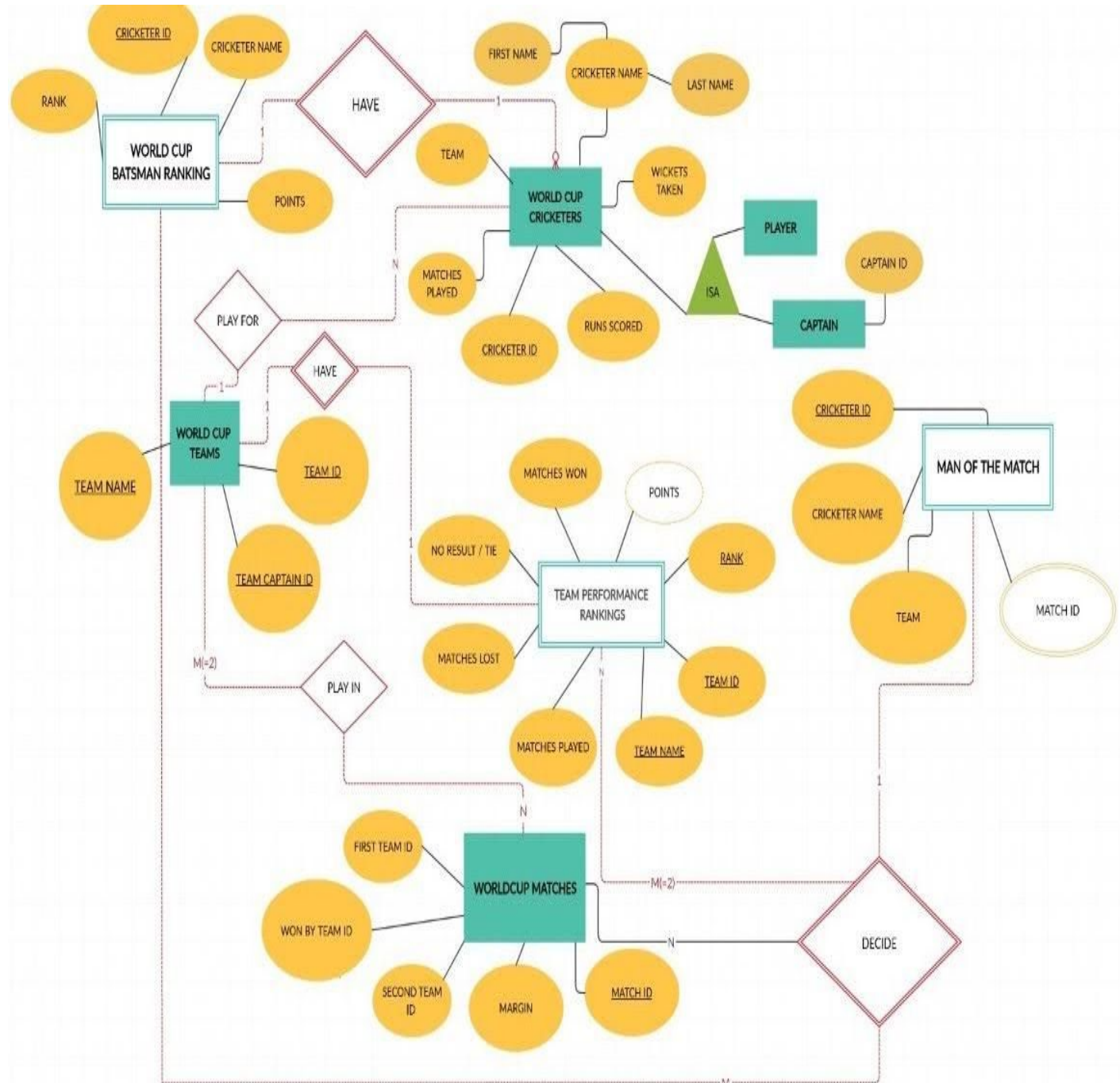
-> DELETIONS

-> ADDITIONS

-> MODIFICATIONS AND ASSUMPTIONS



ER-DIAGRAM 1



ER-DIAGRAM 2

DELETIONS:

1. Relationship 3,4,5 in SRS document are vague since similarities between two two attributes are stated . So deleting all the three relationships

ADDITIONS:

1. ENTITIES:

Adding 'man of the match' as a weak entity so as to make a $n > 3$ relationship with the following attributes.

- a) Match ID(a player can win many matches; a multivalued attribute)
- b) Cricketer name
- c) Cricketer ID(key attribute)
- d)Team

2.RELATIONSHIP TYPES:

- Worldcup cricketers HAVE World cup batsmen ranking . It is a 1:1 relationship.Both the participations are total.
- Worldcup crickets PLAY FOR World teams . It is a N:1 relationship . Both the participation of team is total.
- Worldcup teams HAVE team performance rankings.Team performance is a weak entity.It is a 1:1 relationship. Both the participations are total.
- Worldcup matches decide teams' performance (modified just stating it again), man of the match, worldcup batsman ranking. All are weak entities which imply total participation. Andhave M:N ; 1:N ; M:N

MODIFICATIONS/ASSUMPTIONS:

1. Relationship Types: 2nd relationship : Relation is defined by the match result and team points which are the attributes of world cup matches and team performance ranking .But relationships are defined between two entities. So changing this relationship from attributes to their corresponding entities.
2. All the participation types are assumed as a part of this miniworld . Some participation types may not coincide with the real world.
3. Dotted red line represents total participation.
4. Triangle represents a subclass.