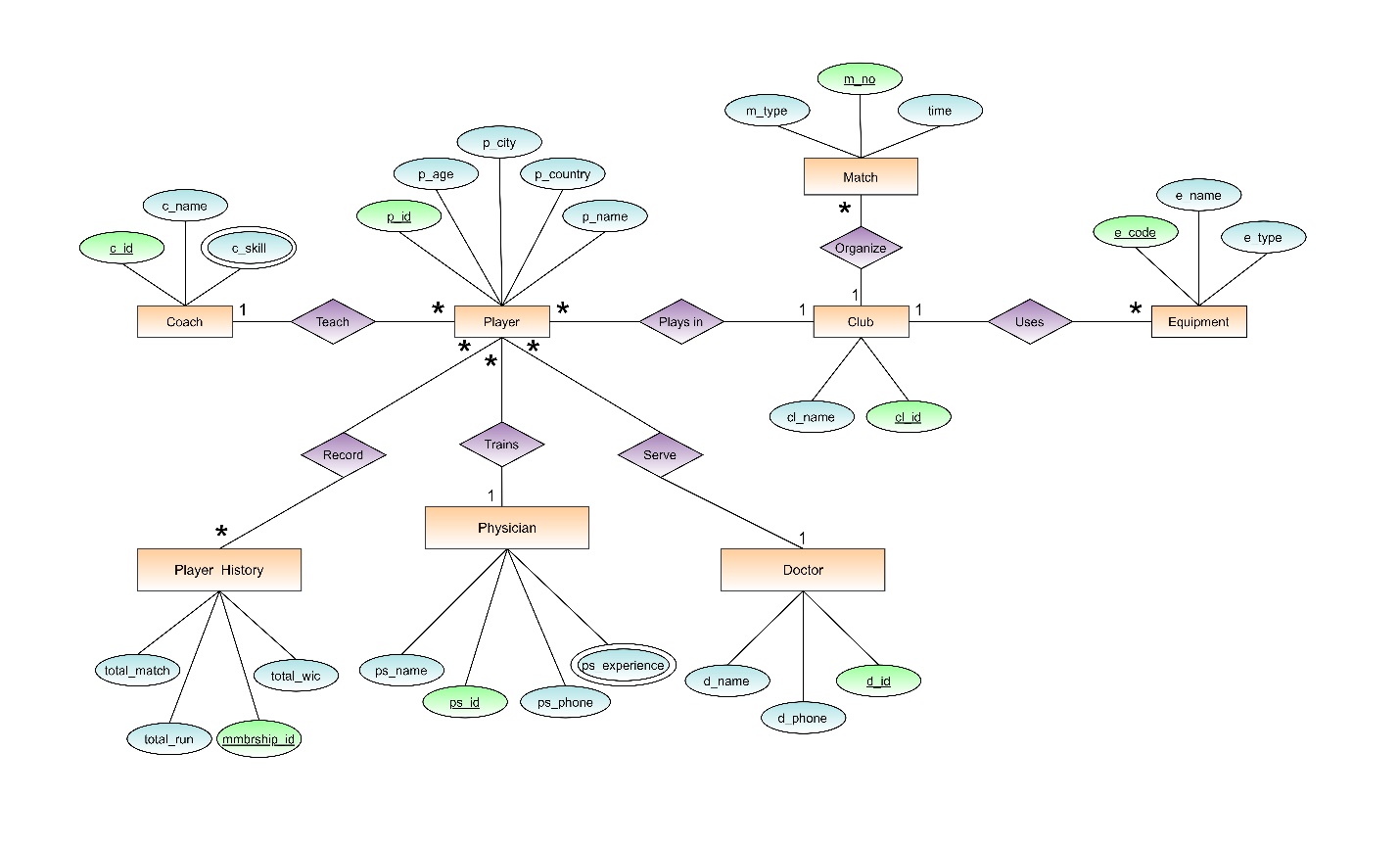
**CRICKET CLUB MANAGEMENT SYSTEM**

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**Teach-(p\_id,p\_age,p\_city,p\_country,p\_name,c\_id,c\_name,c\_skill)**

**1NF: c\_skill is multivalued attribute**

**2NF: p\_id,p\_age,p\_city,p\_country,p\_name**

**c\_id,c\_name,c\_skill**

**3NF: p\_id,p\_age, p\_name**

**a\_id,p\_city,p\_country**

**c\_id,c\_name,c\_skill**

**Final list from Teach-**

1. **p\_id,p\_age,p\_name,a\_id,c\_id**
2. **a\_id,p\_city,p\_country**
3. **c\_id,c\_name**
4. **c\_id,c\_skill -> composite pk**

**Record- (p\_id,p\_age,p\_city,p\_country,p\_name,mmbrship\_id,total\_match,total\_run,total\_wic)**

**1NF: No multivalued attribute**

**2NF: p\_id,p\_age,p\_city,p\_country,p\_name**

**a\_id,p\_city,p\_country**

**mmbrship\_id,total\_match,total\_run, total\_wic**

**3NF: p\_id,p\_age, p\_name**

**a\_id,p\_city,p\_country**

**mmbrship\_id,total\_match,total\_run, total\_wic**

**Final list for Record-**

1. **p\_id,p\_age,p\_name, a\_id**
2. **a\_id,p\_city,p\_country**
3. **mmbrship\_id,total\_match,total\_run, total\_wic**
4. **n\_id, p\_id, mmbership\_id**

**Trains-(p\_id,p\_age,p\_city,p\_country,p\_name, ps\_id,ps\_name,ps\_phone,ps\_experience)**

**1NF: ps\_experience is multivalued attribute**

**2NF: p\_id,p\_age,p\_city,p\_country,p\_name**

**ps\_id,ps\_name,ps\_phone,ps\_experience**

**3NF: p\_id,p\_age, p\_name**

**a\_id,p\_city,p\_country**

**ps\_id,ps\_name,ps\_phone,ps\_experience**

**Final list for Trains-**

1. **p\_id,p\_age,p\_name, a\_id, ps\_id**
2. **a\_id,p\_city,p\_country**
3. **ps\_id,ps\_name,ps\_phone,**
4. **ps\_id,ps\_experience -> composite pk**

**Serve-(p\_id,p\_age,p\_city,p\_country,p\_name, d\_id,d\_name,ps\_phone\_no)**

**1NF: No multivalued attribute**

**2NF: p\_id,p\_age,p\_city,p\_country,p\_name**

**d\_id,d\_name,ps\_phone\_no**

**3NF: p\_id,p\_age,p\_name**

**a\_id,p\_city,p\_country**

**d\_id,d\_name,ps\_phone\_no**

**Final list for Serve-**

1. **p\_id,p\_age, p\_name, a\_id, d\_id**
2. **a\_id,p\_city,p\_country**
3. **d\_id,d\_name,d\_phone**

**Plays in--(p\_id,p\_age,p\_city,p\_country,p\_name, cl\_id,cl\_name)**

**1NF: No multivalued attribute**

**2NF: p\_id,p\_age,p\_city,p\_country,p\_name**

**cl\_id,cl\_name**

**3NF: p\_id,p\_age,p\_name**

**a\_id,p\_city,p\_country**

**cl\_id,cl\_name**

**Final list for Serve-**

1. **p\_id,p\_age, p\_name, a\_id, cl\_id**
2. **a\_id,p\_city,p\_country**
3. **cl\_id,cl\_name**

**Organize-(m\_no,m\_type,time,cl\_id,cl\_name)**

**1NF: No multivalued attribute**

**2NF: m\_no,m\_type,time**

**cl\_id,cl\_name**

**3NF: m\_no,m\_type,time**

**cl\_id,cl\_name**

**Final list for Organize-**

1. **m\_no,m\_type,time,cl\_id**
2. **cl\_id,cl\_name**

**Uses-(e\_code,e\_name,e\_type,cl\_id,cl\_name)**

**1NF: No multivalued attribute**

**2NF: e\_code,e\_name,e\_type**

**cl\_id,cl\_name**

**3NF: e\_code,e\_name,e\_type**

**cl\_id,cl\_name**

**Final list for Uses-**

1. **e\_code,e\_name,e\_type,cl\_id**
2. **cl\_id,cl\_name**

**Final list from normalization**

1. **p\_id,p\_age,p\_name,a\_id,c\_id -> player**
2. **a\_id,p\_city,p\_country -> location**
3. **c\_id,c\_name -> Coach**
4. **c\_id,c\_skill -> composite pk -> Qualification**
5. **mmbrship\_id,total\_match,total\_run, total\_wic -> Player\_Details**
6. **n\_id, p\_id, mmbership\_id -> Player\_Identity**
7. **p\_code,p\_age,p\_name, a\_id, ps\_id -> Trainer**
8. **ps\_id,ps\_name,ps\_phone -> Physician**
9. **ps\_id,ps\_experience -> composite pk -> p\_quality**
10. **p\_id,p\_age, p\_name, a\_id, d\_id -> Player\_Service**
11. **d\_id,d\_name,d\_phone -> Doctor**
12. **p\_id,p\_age, p\_name, a\_id, cl\_id -> Play**
13. **cl\_id,cl\_name -> Club**
14. **m\_no,m\_type,time,cl\_id -> Match**
15. **e\_no,e\_name,e\_type,cl\_id -> Equipment**