



\_\_\_\_\_: Primary Key

*Blue*: Foreign Key

## Relational Schema:

1. Members(id, Name, Date\_Joined, *Tier\_Name*, *Trainer\_ID*)
2. Trainers(*Emp\_id*, Specialization)
3. Employees(id, Name, Date\_Joined, Salary)
4. Payments(id, Date\_Paid, *Member\_id*, Amount)
5. Tiers(Name, Cost)

## Constraints:

1. Members.id PRIMARY KEY
2. Members.Tier\_Name REFERENCES Tiers.Name
3. Members.Trainer\_ID REFERENCES Trainers.Emp\_id
4. Trainers.Emp\_id PRIMARY KEY
5. Trainers.Emp\_id REFERENCES Employees.id
6. Employees.id PRIMARY KEY
7. Employees.Salary > 0
8. Payments.id PRIMARY KEY
9. Payments.Member\_id REFERENCES Members.id
10. Payments.Amount > 0
11. Tiers.Name PRIMARY KEY
12. Tiers.Cost > 0