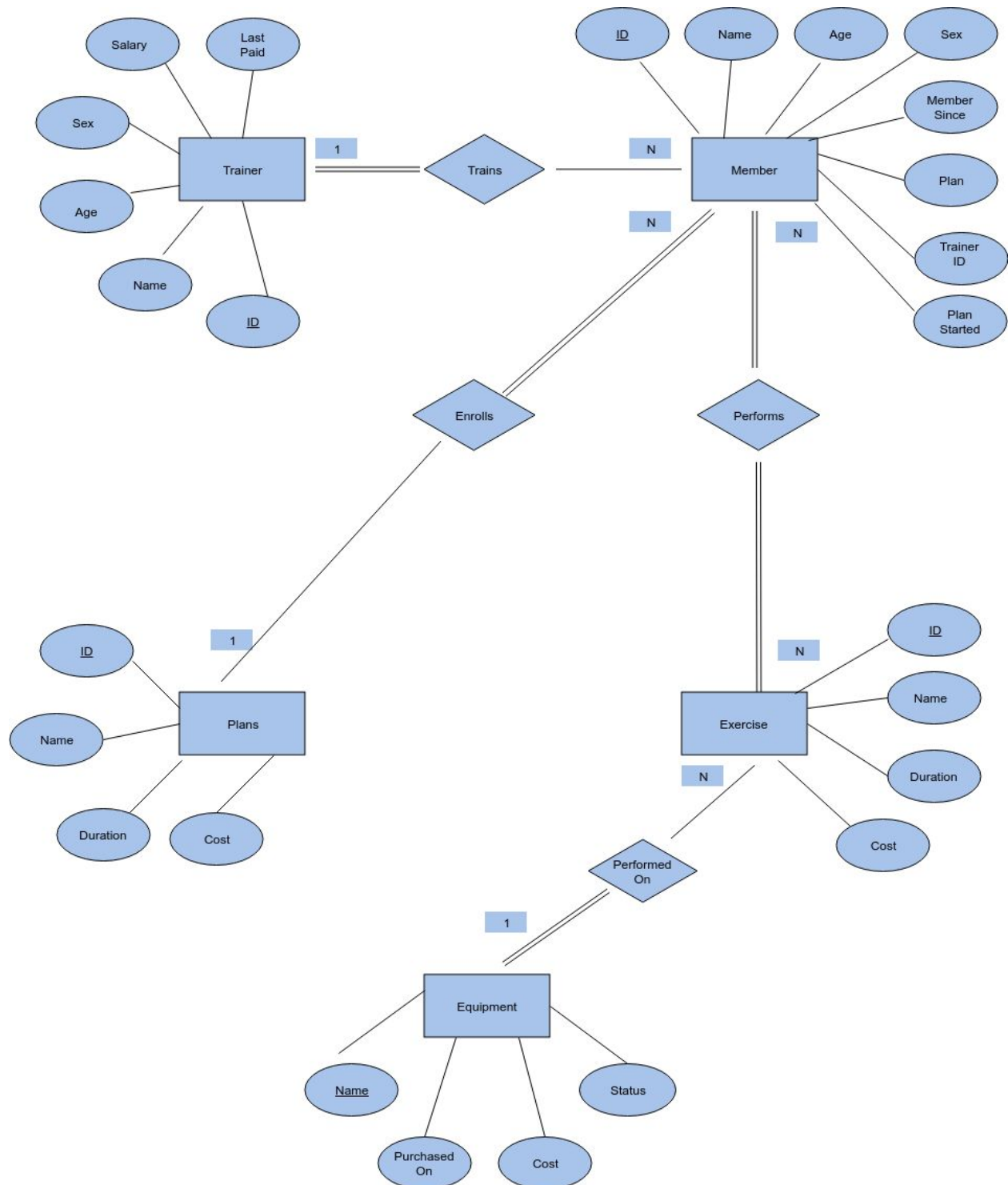


# ER Model



# Relational Schema

- Trainer

<u>ID</u>	Name	Age	Sex	SalaryLastPaid
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- Member

<u>ID</u>	Name	Age	Sex	Member Since	Plan	Trainer Id	PlanStarted
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- Plans

<u>ID</u>	Name	Duration	Cost
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- Equipment

<u>Name</u>	Purchased On	Cost	Status
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- Exercise

<u>ID</u>	Name	BodyPart	Cost
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- Trains

<u>Trainer.ID</u>	<u>Member.ID</u>
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- Enrolls

<u>Member.ID</u>	<u>Plans.ID</u>
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- Performs

<u>Member.ID</u>	<u>Exercise.ID</u>
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- PerformedOn

<u>Exercise.ID</u>	<u>Equipment.ID</u>
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## Relational Schema

1. Trainer (ID,Name,Age,Sex,SalaryLasPaid)
2. Member(ID,Name,Age,Sex,MemberSince,Plan,TrainerID,PlansStarted)
3. Plans(ID,Name,Duration,Cost)
4. Equipment(Name,PurchasedOn,Cost,Status)
5. Exercise(ID,Name,Duration,Cost)
6. Trains(Trainer.ID,Member.ID)
7. Enrolls(Member.ID,Plans.ID)
8. Performs(Member.ID,Exercise.ID)
9. PerformedOn(Exercise.ID,Equipment.ID).