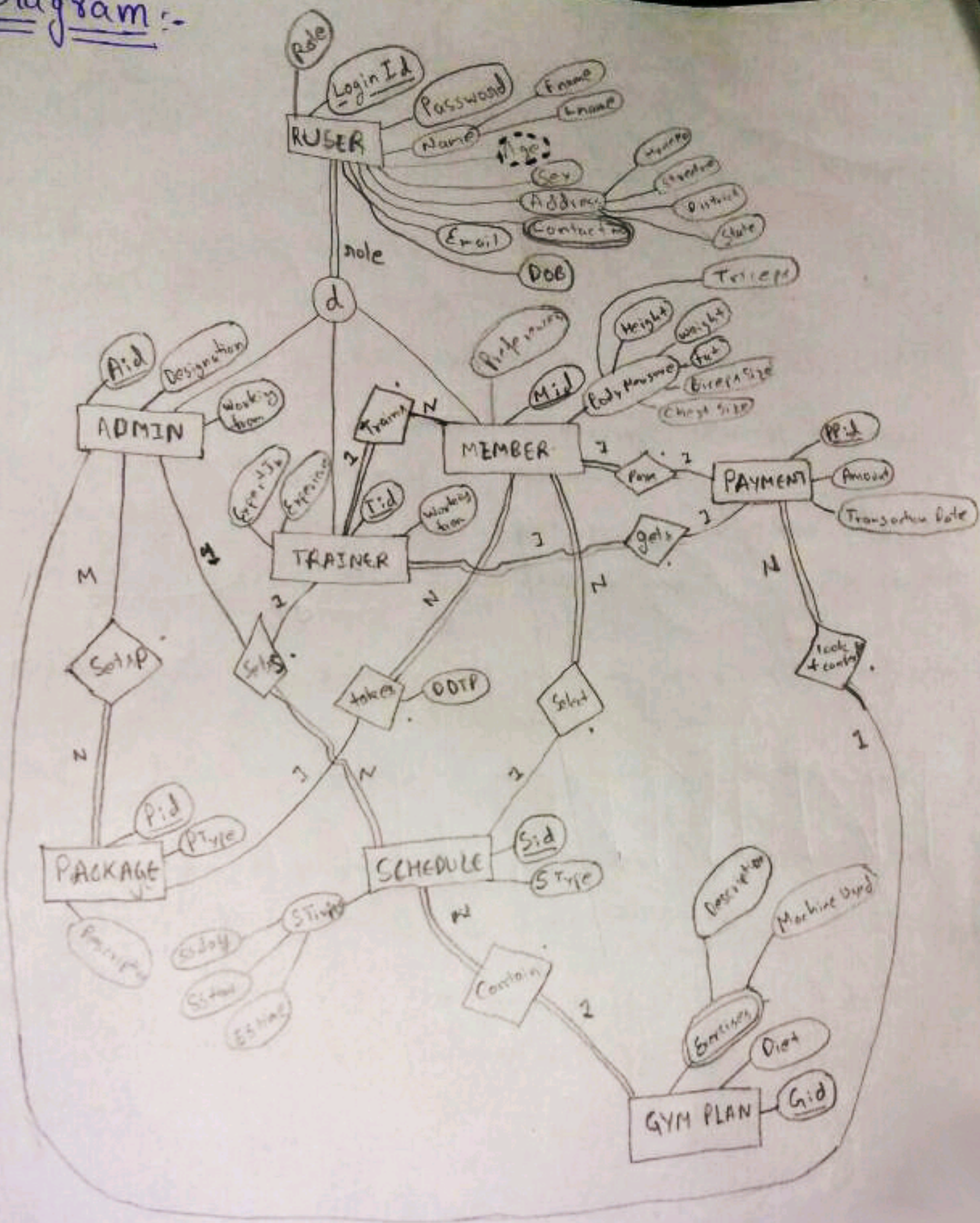


Diagram:-



* DOTP - Date of Taking Package
 * DOB - Date of Birth

Assumptions :

We are only interested in the Registered Users, So, we have the information of only the registered users & if any new user register himself then the database gets updated.

- * Every RUser have a unique LoginId.
- * Age is a derived attribute as it can be derived from DOB.
- * Every RUser plays exactly one role (Trainer, Administrator, Member) {So, disjoint & total}
- * Every trainer trains some no of members but some members can gym without any instruction or guidance of any trainer
- * Every member takes a package & only one package is taken at a time
- * Every Schedule is set by exactly one Admin or one Trainer or a combination of both
- * Every member selects a schedule and there may be a schedule not chosen by any one and may be a schedule chosen by many.
- * Every Schedule contain a Gym plan & many schedule can have the same gym plan.
- * Every member makes a payment & every trainer gets a payment and Every payment is taken care of by some Admin.
- * Every package is set by a Admin or a group of Admin & some Admin may not have taken part in any setting.

Relational Database Schema:-

<u>Login Id</u>	Password	Frame	Lname	DOB	House No	Street No	District	State	Sex	Email	Role		
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ADMIN

<u>Login Id</u>	<u>AId</u>	Designation	Working time	
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TRAINER

<u>Login Id</u>	<u>TId</u>	Working time	Experience	Expert In	PPID
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MEMBER

<u>Login Id</u>	<u>MId</u>	Height	Weight	fat	Biceps	Triceps	Chest	Preferances	Tid	Pid	OTAP
									SId	PPId	

PACKAGE

<u>PId</u>	PType	Description
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Schedule

<u>SId</u>	SType	SSday	SStime	Estime	GId	AId	TId
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GYM PLAN

<u>GId</u>	Diet	
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PAYMENT

<u>PPId</u>	Amount	Transaction Date	AId
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SETSP

<u>PId</u>	<u>AId</u>
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CONTACT NO

<u>LoginId</u>	Contact No
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EXERCISES

<u>GId</u>	machine Used	Description
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