

GYM MANAGEMENT SYSTEM

24CS761

Abdur
Rahman

24CS761

WE R D4

Users	
UserEmail	PK
Username	UNIQ
Password	
Role	

Members	
MemberID	PK
Name	UNIQ
Gender	
Age	
Address	
JoinDate	
PlanID	FK

Plans	
PlanID	PK
PlanName	
DurationM	
Price	

Assignment	
AssignID	PK
MemberID	FK
TrainerID	FK
Start Date	DF
END DATE	

Payments	
PaymentID	PK
MemberID	FK
Amount	
PaymentDate	
Method	
TransactionID	

Trainers	
TrainerID	PK
Name	
Contract-No	
Specialization	
ExperienceYrs	
JoinDate	
Email	

Attendance	
AttendanceID	PK
MemberID	FK
Attendance Date	Default
'Present'	

Embedded in

Assigns

Makes

Has Attendance

Assigned to

Schema:

It is in the
2nd NP
Now

User:

<u>UserEmail</u>	UserName	password	Role
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Members:

<u>MemberID</u>	Name	Gender	Age	Address	JoinDate	<u>PlanID</u>
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Plans:

<u>PlanID</u>	PlanName	Duration	Month	Price
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Assignment:

<u>AssignDate</u>	<u>MemberID</u>	<u>TrainerID</u>	Start Date
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Payments:

<u>PaymentID</u>	<u>MemberID</u>	Amount	PaymentDate	Method	TransactID
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Trainers:

<u>Trainer-ID</u>	Name	Contact	Specialization	Exp/Years	Join	Email
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Attendance:

<u>AttendanceID</u>	<u>MemberID</u>	Attendance	Date
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3rd and 4th NF

Trainers

Trainer ID	Name	Contact	Phone No	Exp Years	Join Date	Email
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Trainer Specializations

Trainer ID (FK)	Specialization
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Now it is in

4th NF.

Schema:

It is in the
2nd NF
Now

Users:

<u>UserEmail</u>	UserName	Password	Role
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Members:

<u>MemberID</u>	Name	Gender	Age	Address	JoinDate	<u>PlanID</u>
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Plans:

<u>PlanID</u>	PlanName	Duration	Month	Price
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Assignment:

<u>AssignDate</u>	<u>MemberID</u>	<u>TrainerID</u>	Start Date
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Payments:

<u>PaymentID</u>	<u>MemberID</u>	Amount	PaymentDate	Method	<u>TrainerID</u>
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Trainers:

<u>TrainerID</u>	Name	Contact	Specialization	Exp/Year	Join	Email
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Attendance:

<u>AttendanceID</u>	<u>MemberID</u>	Attendance	Date
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3rd and 4th NF

Trainers:

<u>TrainerID</u>	Name	Contact	Specialization	Exp/Year	Join	Email
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Trainer Specializations

<u>TrainerIDFK</u>	Specialization
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Now it is in

4th NF.