**GYM MEMBERSHIP MANAGEMENT SYSTEM**

PRODUCT NAME : GYM MANAGEMENT

List of similar products :

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| PRODUCT NAME | FEATURES | URL |
| FITNESS MANAGER | Modern UI,Customer Tickets | https://www.redpointhq.com/?gad\_source=1&gad\_campaignid=22066168700&gbraid=0AAAA |

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**CONTRIBUTION** :

Sites.google.com

Portfolio:

Github: https://github.com/bhuhvaneshwaran.s

leetcode :

tables

gym member

member\_id – primary key

member\_name

member\_details

gym trainer

trainer\_id -primary key

member\_id- forign key

trainer\_name

trainer details

membershiptransaction

membership transaction

membershipNo

date

total value

CREATE TABLE gym member{

member\_id

}

INSERT INTO

CREATE VIEW

KEY WORDS

Relation -gym member

Attribute-trainer\_id

Domin – TRI001

Tuple -

1NF-GYM MEMBER( My table is 1nf because its as primary key named member\_id.)

2NF-GYM MEMBER(my table is 2nf because it has a primary key-member id,all other column are dependent on primary key.)

3NF-GYM MEMBER(should be in 2nf ,no transitive partial dependency

Example ; Student id, name ,job id ,job name,state id,state name

927623Badd015,bhuvaneshwaran,j\_0115,programmer,TN0117,namakkal

1NF - student info table

std\_id

std\_name

,state\_id

state name

student info table

student id

student name

job info table

Job\_id

Job\_name

State info table

State-id

State\_name

Key words:

Frontend-html,css,react js,tailwind css,flask,android,fultter

Backend- oracle,mangoDB,Json,my sql,sql lite,fire base

Server- xampp

Editor-vs code editor

Framework-nodejs,

Language-python.

XML

<xml>

<MEMBERINFO>

</MEMBERINFO>

<MEM\_ID> 12/MEM\_ID>

<MEM\_NAME> BHUVANESH</MEM\_NAME>

<MEM\_AGE> 30</MEM\_AGE>

<MEMBERINFO>

<MEMBERINFO>

<MEM\_ID> 22/MEM\_ID>

<MEM\_NAME> BHUVI</MEM\_NAME>

<MEM\_AGE> 40</MEM\_AGE>

<MEMBERINFO>

<MEMBERINFO>

<MEM\_ID> 32/MEM\_ID>

<MEM\_NAME> BALA</MEM\_NAME>

<MEM\_AGE> 50</MEM\_AGE>

<MEMBERINFO>

</MEMBERINFO>

<xml>

DTD

<!doctype db[

<!element db(memberinfo\*)>

<!element member(name,id,age)>

<!element name(#PCDATA)>

<!element id(#PCDATA)>

<!element age(#PCDATA)>

]>

***Dtd***

<!ELEMENT login empty>

<!ATLIST LOGIN TIM CDDATA”1”>

***JOIN OPREATION***

SELECT column\_name(membership\_id,membership\_name,membership\_details)

FROM member  
RIGHT JOIN admin  
ON member.column\_name = admin.membership\_id;

MODULE NAME

|  |  |  |
| --- | --- | --- |
| Module name | Sub module name | description |
| **Member Management** | Member Registration  Attendance Tracking  Membership Plans | Allows new members to sign up and provide necessary details. |
| Staff Management | Trainer Profiles  Performance Tracking | Maintains trainer details, including experience and specialization. |
| Progress Tracking | Workout Plans  Progress Reports | Customizable exercise routines based on fitness goals. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MODULE | FROM NAME | FROM DISCRIPTIN | Table name | Table description |
| BOOK MEMBERSHIP | MEMBERSHIP ORDER TRANSACTION | This form allows users to register new members, capturing essential details like name, contact information, membership type, and status. | memberid | Stores membership details including personal information, membership type, subscription status, and expiration date. |
| Payment processing | Membership payment | This form allows members to make payments for their membership fees, renewals, or upgrades. | payment | Stores transaction details related to membership payments, including payment method, amount, and status. |