***Gym Database Management System***

**-Amit Prajapati J075**

ENTITY RELATIONSHIP

**TABLES**

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# GYM MEMBER DETAILS

Text

Description automatically generated

| **First\_Name** | **Middle\_Name** | **Last\_Name** | **Phone\_No** | **DOB** | **Member\_Id** | **Email** |
| --- | --- | --- | --- | --- | --- | --- |
| **Amit** | V | Prajapati | 97648364 | 2001-10-05 | 1 | [amit@gmail.com](mailto:amit@gmail.com) |
| **Krish** | K | Jain | 97643864 | 2001-11-06 | 2 | [krish@gmail.com](mailto:krish@gmail.com) |
| **Jay** | K | Shah | 24643864 | 2002-11-06 | 3 | [jay@gmail.com](mailto:jay@gmail.com) |
| **Sahil** | S | Jain | 86768473 | 2001-01-06 | 4 | [Sahil@gmail.com](mailto:Sahil@gmail.com) |
| **Varun** | T | Vaze | 9534453 | 1999-11-06 | 5 | [varun@gmail.com](mailto:varun@gmail.com) |
| **Krishna** | J | Jain | 97644564 | 1991-01-02 | 6 | [krishna@gmail.com](mailto:krishna@gmail.com) |
| **Riya** | K | Vaze | 95464554 | 2000-02-27 | 7 | [riya@gmail.com](mailto:riya@gmail.com) |
| **Anshul** | T | Sahay | 974793864 | 2001-09-06 | 8 | [anshul@gmail.com](mailto:anshul@gmail.com) |
| **Rishabh** | K | Shah | 97699864 | 2001-11-06 | 9 | [rishabh@gmail.com](mailto:rishabh@gmail.com) |
| **Yash** | K | Shah | 75959736 | 1998-03-23 | 10 | [krish@gmail.com](mailto:krish@gmail.com) |

# MEMBERSHIP COST

Text

Description automatically generated

| **Duration** | **Cost** |
| --- | --- |
| **3 Months** | 3000 |
| **6 Months** | 10000 |
| **1 Year** | 15000 |

# MEMBERSHIP DETAILS

Text

Description automatically generated

| **First\_Name** | **Member\_Id** | **Membership\_period\_start** | **Membership\_period\_end** |
| --- | --- | --- | --- |
| **Amit** | 1 | 2020-10-15 | 2021-01-15 |
| **Krish** | 2 | 2020-10-15 | 2021-10-15 |
| **Jay** | 3 | 2020-10-15 | 2021-10-15 |
| **Sahil** | 4 | 2020-10-15 | 2021-04-15 |
| **Varun** | 5 | 2020-10-15 | 2021-01-15 |
| **Krishna** | 6 | 2020-10-15 | 2021-04-15 |
| **Riya** | 7 | 2020-10-15 | 2021-10-15 |
| **Anshul** | 8 | 2020-10-15 | 2021-01-15 |
| **Rishabh** | 9 | 2020-10-15 | 2021-10-15 |
| **Yash** | 10 | 2020-10-15 | 2021-04-15 |

# GYM TRAINER DETAILS

Text

Description automatically generated

| **First\_Name** | **Middle\_Name** | **Last\_Name** | **Phone\_No** | **Trainer\_Id** | **Work\_id** |
| --- | --- | --- | --- | --- | --- |
| **Rahul** | S | Khan | 97648364 | 1 | 1 |
| **Jay** | S | Khatri | 93846363 | 2 | 2 |
| **Sahil** | S | Shah | 61346327 | 3 | 3 |
| **Ravi** | T | Khan | 96348364 | 4 | 4 |
| **Salman** | S | Khan | 97636864 | 5 | 5 |
| **Salim** | S | Jain | 37736864 | 6 | 1 |
| **Kushal** | S | Prajapati | 3732748 | 7 | 4 |
| **Priya** | S | Sahil | 99887768 | 8 | 4 |

# WORKOUT CLASSES

Text

Description automatically generated

| **Workout\_Name** | **Work\_id** |
| --- | --- |
| **Cardio** | 1 |
| **Abs** | 2 |
| **Weights** | 3 |
| **Circuit Training** | 4 |
| **Legs** | 5 |

# TRAINER-MEMBER

Text

Description automatically generated

| **Member\_Name** | **Trainer\_Name** | **Trainer\_Id** | **Member\_Id** |
| --- | --- | --- | --- |
| **Amit** | Rahul | 1 | 1 |
| **Krish** | Priya | 8 | 2 |
| **Jay** | Kushal | 7 | 3 |
| **Sahil** | Ravi | 4 | 4 |
| **Varun** | Salman | 5 | 5 |
| **Krishna** | Rahul | 1 | 6 |
| **Riya** | Salim | 6 | 7 |
| **Anshul** | Jay | 2 | 8 |
| **Rishabh** | Ravi | 4 | 9 |
| **Yash** | Sahil | 3 | 10 |

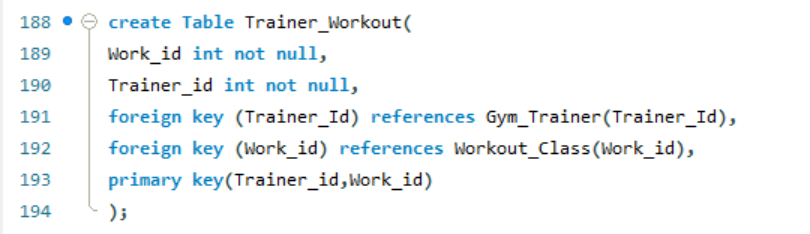
# GYM EMPLOYEE DETAILS

Text

Description automatically generated

| **Employee\_Name** | **Employee\_ID** | **Contact\_No** | **Job\_Type** | **Date\_of\_joining** |
| --- | --- | --- | --- | --- |
| **Pooja** | 1 | 998877667 | Receptionist | 2014-01-01 |
| **Arvind** | 2 | 88798374 | Gaurd | 2008-06-22 |
| **Atul** | 3 | 88798111 | Cleaner | 2010-11-11 |
| **Yadav** | 4 | 88798374 | Cleaner | 2019-08-02 |
| **Jay** | 5 | 88798374 | Manager | 2020-01-01 |

# TRAINER-WORKOUT



| **Work\_id** | **Trainer\_id** |
| --- | --- |
| **1** | 1 |
| **1** | 6 |
| **2** | 2 |
| **3** | 3 |
| **4** | 4 |
| **4** | 7 |
| **4** | 8 |
| **5** | 5 |

PAYMENT PROCEDURE

# THIS IS THE WAY THE PAYMENT IS PROCESSED AND THE MEMBERSHIP PERIOD IS UPDATED

Text

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🡪The Procedure helps us to calculate the End-Date of a membership when a certain amount is paid by the member.

TRIGGER

Text

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**🡪The above trigger helps to save time as it inserts the name of the new member directly in the Membership\_Detail.**

VIEW

Text

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Graphical user interface, table

Description automatically generated

🡪The above View gives us the End-Date of membership every member .This can help the Gym management to send alters/messages/reminder to the member regarding their Membership renewal.

IMPORTANT QUERIES

## **QUERY TO FIND THE OLDEST EMPLOYEE IN THE GYM**

Graphical user interface, text, application, email

Description automatically generated

## **QUERY TO FIND THE NEWEST EMPLOYEE IN THE GYM**

Graphical user interface, text, application, email

Description automatically generated

## **QUERY TO FIND ALL GYM MEMBER BELOW THE AGE OF 20**

## Graphical user interface, text, application, email Description automatically generated

## **QUERY TO FIND ALL MEMBERS WHOSE MEMBERSHIP WILL END SOON (TO SEND THEM MEMBERSHIP RENEWAL NOTIFICATION)**

Graphical user interface, text, application, email

Description automatically generated