**PERFORMANCE METRICS SRS**

* **TABLES**

**Table -> walkingdata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Column Name | Details | Type | Format |
| 1 | Walking Id | Id of main table | uniqueid |  |
| 2 | Walking Date | Date of main table | Datetime | 23/4/2024 |
| 3 | Walking Status | Status of walking whether done or not. | Char | Y or N |
| 4 | Walking Rounds | No of walking rounds  If walking status is Y | Number | 3 or 0 |
| 5 | Walking Calories Burnt | Calories burnt  If walking status is Y | Number | 314 or 0 |
| 6 | Walking Kilometeres | Kms of walking  If walking status is Y | decimal | 4.67 or 0.00 |
| 7 | Walking when | When you did walking?  If walking status is Y | Char | M/A/E/N  Or  O |
| 8 | Walking Intial time | Intial time of walking  If walking status is Y | Datetime | 5.50PM  Or  0.00AM/PM |

**Table -> joggingdata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Column Name | Details | Type | Format |
| 1 | Jogging Id | Id of main table | uniqueid |  |
| 2 | Jogging Date | Date of main table | Datetime | 23/4/2024 |
| 3 | Jogging Status | Status of Jogging whether done or not. | Char | Y or N |
| 4 | Jogging Rounds | No of Jogging rounds  If Jogging status is Y | Number | 3 or 0 |
| 5 | Jogging Calories Burnt | Calories burnt  If Jogging status is Y | Number | 314 or 0 |
| 6 | Jogging Kilometeres | Kms of Jogging  If Jogging status is Y | decimal | 4.67 or 0.00 |
| 7 | Jogging when | When you did Jogging ?  If Jogging status is Y | Char | M/A/E/N  Or  O |
| 8 | Jogging Intial time | Intial time of Jogging  If Jogging status is Y | Datetime | 5.50PM  or  0.00AM/PM |

**Table -> exercisedata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Column Name | Details | Type | Format |
| 1 | Exercise Id | Id of main table | uniqueid |  |
| 2 | Exercise Date | Date of main table | Datetime | 23/4/2024 |
| 3 | Exercise Status | Status of Jogging whether done or not. | Char | Y or N |
| 4 | Exercise Source | Source from where you are following exercise.  If Exercise status is Y | String | Youtube or NA |

**Table -> meditationdata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Column Name | Details | Type | Format |
| 1 | Meditation Id | Id of main table | uniqueid |  |
| 2 | Meditation Date | Date of main table | Datetime | 23/4/2024 |
| 3 | Meditation Status | Status of Meditation whether done or not. | Char | Y or N |
| 4 | Meditation Minutes | How many minutes of meditation?  If Meditation status is Y | number | 3 |

**Table -> wakeandsleepdata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Column Name | Details | Type | Format |
| 1 | Wake and Sleep Id | Id of main table | uniqueid |  |
| 2 | Wake up | The time when you wake up | time | 6.00AM |
| 3 | Sleep | The time when you slept off | time | 10.00PM |

**Table -> personaldata**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Column Name | Details | Type | Format |
| 1 | Personal data Id | main table | uniqueid |  |
| 2 | Date | Date of main table | Datetime | 23/4/2024 |
| 3 | Wake and Sleep Id | Id of main table | uniqueid | Foreign key |
| 4 | Meditation Id | Id of main table | uniqueid | Foreign key |
| 5 | Exercise Id | Id of main table | uniqueid | Foreign key |
| 6 | Jogging Id | Id of main table | uniqueid | Foreign key |
| 7 | Walking Id | Id of main table | uniqueid | Foreign key |
| 8 | M | How many times M? | Number | 3 or 0 |

* **Adding Priveleges Scripts**

1. **Intial Privelege**

-- Create a new user 'admin2024' with a password

CREATE USER 'admin2024'@'localhost' IDENTIFIED BY 'admin2024';

-- Grant specific privileges to the new user

-- Replace 'your\_database' and 'your\_table' with the actual database and table names you want to grant access to

GRANT SELECT, INSERT, UPDATE, DELETE ON your\_database.your\_table TO 'admin2024'@'localhost';

-- Revoke all privileges on all other tables in the database

REVOKE ALL PRIVILEGES ON your\_database.\* FROM 'admin2024'@'localhost';

-- Flush privileges

FLUSH PRIVILEGES;

-- Select Users - You can check if anonymous access is enabled by running the following query.

SELECT user, host FROM mysql.user WHERE user = '';

1. **Changes Made**

-- Execute the following SQL command to revoke privileges from the 'admin2024' user for all databases except the one(s) you want them to have

-- access to.

-- Replace 'localhost' with the appropriate host if the user may connect from a different host.

REVOKE ALL PRIVILEGES ON \*.\* FROM 'admin2024'@'localhost';

-- Grant privileges to the 'admin2024' user for the specific database(s) they should have access to.

GRANT ALL PRIVILEGES ON specific\_database.\* TO 'admin2024'@'localhost';

* **Create a new Schema**

create schema mjdiarypm2024;

If not working go to default username and use below script:

create schema mjdiarypm2024;

GRANT ALL PRIVILEGES ON mjdiarypm2024.\* TO 'admin2024'@'localhost';

FLUSH PRIVILEGES;

* **Create Tables(Scripts)**

**walkingdata**

CREATE TABLE walkingdata (

WalkingId INT AUTO\_INCREMENT PRIMARY KEY,

WalkingDate DATETIME NOT NULL,

WalkingStatus CHAR(1) NOT NULL,

WalkingRounds INT NOT NULL,

WalkingCaloriesBurnt INT NOT NULL,

WalkingKilometers DECIMAL(5, 2) NOT NULL,

WalkingWhen CHAR(1) NOT NULL,

WalkingInitialTime VARCHAR(10) NOT NULL

);

**joggingdata**

CREATE TABLE joggingdata (

JoggingId INT AUTO\_INCREMENT PRIMARY KEY,

JoggingDate DATETIME NOT NULL,

JoggingStatus CHAR(1) NOT NULL,

JoggingRounds INT NOT NULL,

JoggingCaloriesBurnt INT NOT NULL,

JoggingKilometers DECIMAL(5, 2) NOT NULL,

JoggingWhen CHAR(1) NOT NULL,

JoggingInitialTime VARCHAR(10) NOT NULL

);

**exercisedata**

CREATE TABLE exercisedata (

ExerciseId INT AUTO\_INCREMENT PRIMARY KEY,

ExerciseDate DATETIME NOT NULL,

ExerciseStatus CHAR(1) NOT NULL,

ExerciseSource VARCHAR(20) NOT NULL

);

****meditationdata****

CREATE TABLE meditationdata (

MeditationId INT AUTO\_INCREMENT PRIMARY KEY,

MeditationDate DATETIME NOT NULL,

MeditationStatus CHAR(1) NOT NULL,

MeditationMinutes INT NOT NULL

);

**wakeandsleepdata**

CREATE TABLE wakeandsleepdata (

WakeAndSleepId INT PRIMARY KEY,

WakeUp TIME NOT NULL,

Sleep TIME NOT NULL

);

**personaldata**

CREATE TABLE personaldata (

PersonalDataId INT PRIMARY KEY ,

Date DATETIME NOT NULL,

WakeAndSleepId INT NOT NULL,

MeditationId INT NOT NULL,

ExerciseId INT NOT NULL,

JoggingId INT NOT NULL,

WalkingId INT NOT NULL,

M INT NOT NULL,

FOREIGN KEY (WakeAndSleepId) REFERENCES wakeandsleepdata(WakeAndSleepId),

FOREIGN KEY (MeditationId) REFERENCES meditationdata(MeditationId),

FOREIGN KEY (ExerciseId) REFERENCES exercisedata(ExerciseId),

FOREIGN KEY (JoggingId) REFERENCES joggingdata(JoggingId),

FOREIGN KEY (WalkingId) REFERENCES walkingdata(WalkingId)

);