

Assignment Specification -V1
User Guide
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Introduction

For this database used scenario A for my work. This user manual makes it easier for us to create setup and use the FIFA Women's World Cup database so that users. The purpose of this guide is providing good guidelines and description regarding the creation, administration and searching for the database that contains information concerning the teams, players, coaches, matches, championship. This manual will guide you through the database process, query implementation and all other related database actions to help retrieve necessary information on the FIFA Women's World Cup, be it a student, teacher, developer, data analytic or an enthusiast.

In this database I used four mysql scripts. Names are Tables.sql, Values.sql, Commands.sql and Commands1.sql. in tables.sql script produced the tables for this mysql data base.

Tables.sql

In this script I have created 5 tables names are coach, team, player, matches and champ tables.

Values.sql

In values file included data for that tables.

Commands.sql

In Commands.sql file include sql queries that can run through this database.

Commands1.sql

In this Commands1.sql script include advance functionalities in database that 3 stored procedures and 2 triggers.

How to run this database

Step 1

for run this type of mysql version database need to familier with Ubuntu, linux enviorement. After download this Ubuntu operating system you have to download mysql as a first step.

Step 2

As a second step need to enter to the my sql server like this. Use this command

```
base) malith@malith-VirtualBox: ~/Desktop/SQL$ sudo mysql -u root -p
```

After if its successful you can see command prompt like this.

```
[sudo] password for malith:
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.34-0ubuntu0.20.04.1 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> 
```

Now need to create database for run mysql script. Its need to done like below

```
mysql> create database Malith_20926076;
Query OK, 1 row affected (0.01 sec)
```

After this you have to enter to the database that creates its need to done like this.

```
mysql> use Malith_20926076;
Database changed
```

If this all steps are succesfull now database ready for run scripts.

Step 3

Execute Table.sql

For run this database first you have to excute Table.sql file like below

```
mysql> \. Tables.sql
```

If its successful can see output like this.

```
mysql> \. Tables.sql
Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.02 sec)

Query OK, 0 rows affected (0.01 sec)

Query OK, 0 rows affected (0.01 sec)
```

Execute Values.sql

After execute table file now need execute Values.sql that include data for this tables. Its need to done like below.

```
mysql> \. Values.sql
```

If its successful can see output like this.

```
Query OK, 1 row affected (0.01 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.01 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
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Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.01 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.00 sec)
Query OK, 1 row affected (0.01 sec)
Query OK, 1 row affected (0.00 sec)
```

Execute Commands.sql

After exection of main scripts now can execute query file. Its need to done below likw this.

```
mysql> \. Commands.sql
```

If its successful output can see like this.

coachid	coachname
C01	Pitka Klinkova
C02	Hege Riise
C03	Alen StaPcic
C04	Inka Grings
C05	Tony Gustavsson
C06	Bev Priestman
C07	Randy Waldrum
C08	Vera Pauw
C09	Amelia Valverde
C10	Futoshi Ikeda
C11	Porge Vilda
C12	Bruce Mwape
C13	Shui Tingxia
C14	Lars Sondergaard
C15	Sarina Wiegman
C16	Nicolas Delepine
C17	Andries Ponker

Execute Commands1.sql

After execute that file now can execute another script that include Advance functionalieis. Its need to done like this.

```
mysql> \. Commands1.sql
```

If its successful output can see like this.

Playerid	playerName	Position	teamid	age	caps	goals
P46	Gaelle Thalmann	GK	T04	29	32	0
P47	Julia Stierli	DF	T04	24	12	2
P48	Lara Marti	DF	T04	21	23	2
P49	Laura Felber	DF	T04	22	56	2
P50	Noelle Maritz	DF	T04	23	13	3
P51	Geraldine Reuteler	MF	T04	24	15	1
P52	Amira Arfaoui	FW	T04	25	23	1
P53	Nadine Riesen	DF	T04	26	45	2
P54	Ana Maria Crnogorcevic	FW	T04	27	6	3
P55	Ramona Bachmann	FW	T04	28	5	1
P56	Coumba Sow	MF	T04	29	54	2
P57	Livia Peng	GK	T04	30	43	1
P58	Lia Walti	MF	T04	31	142	3
P59	Marion Rey	MF	T04	32	123	1

(Important : in step 3 please run all files in that order)