



SQL commands description for “Event Management System”

Created By	Bassam Ashraf
Reviewed By	

1. Database Initialization

```
MySQL Client (MariaDB 11.7 (x64)) - "C:\Program Files\MariaDB 11.7\bin\mysql.exe" "--defaults-file=C:\Program Files\MariaDB 11.7\data\my.ini" -uro...
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 48
Server version: 11.7.2-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> source J:\University\Testing\Test\Projects\2-Web\Final Project 2\Code\create_database.sql
```

Commands Executed:

```
Source J:\University\Testing\Test\Projects\2 Web\Final Project 2\Code\create_database.sql
```

Description:

- Connects to MariaDB and executes the “create_database.sql” script.
- This script creates the database schema, tables (Users, Events, RSVPs), and initial relationships.

2. Admin Account Creation

```
MySQL Client (MariaDB 11.7 (x64)) - "C:\Program Files\MariaDB 11.7\bin\mysql.exe" "--defaults-file=C:\Program Files\MariaDB 11.7\data\my.ini" -uroot -p
MariaDB [EventManagerSystem]> INSERT INTO Users (username, email, password, isAdmin)
-> VALUES (
-> 'admin',
-> 'admin@gmail.com',
-> '$2b$10$QHduFvaEzJFVb2pw3uzMkuChW42vGvB3JeVaryjwKwFuhRc/ucYwS',
-> TRUE
-> );
Query OK, 1 row affected (0.087 sec)

MariaDB [EventManagerSystem]> SELECT * FROM users
-> ;
+----+-----+-----+-----+-----+-----+
| id | username | email | password | isAdmin | createdAt | updatedAt |
+----+-----+-----+-----+-----+-----+
| 1 | admin | admin@gmail.com | $2b$10$QHduFvaEzJFVb2pw3uzMkuChW42vGvB3JeVaryjwKwFuhRc/ucYwS | 1 | 2025-05-14 20:34:55 | 2025-05-14 20:34:55 |
+----+-----+-----+-----+-----+-----+
1 row in set (0.002 sec)

MariaDB [EventManagerSystem]>
```

Commands Executed:

```
INSERT INTO Users (username, email, password, isAdmin)
VALUES (
  'admin',
  'admin@gmail.com',
  '$2b$10$QHduFvaEzJFVb2pw3uzMkuChWW2vGvB3JeVaryjwKwfuhRc
/ucYwS',
  TRUE
);
```

Description:

Creates an admin user with:

- **Username:** admin
- **Email:** admin@gmail.com
- **Password:** Hashed using bcrypt (cost factor: 10).
- **Admin Flag:** TRUE (grants admin privileges).

Verification:

```
SELECT * FROM users;
```

Confirms the admin account appears in the Users table with isAdmin=1.

3. Regular User Account Creation (Bassam)

```
MySQL Client (MariaDB 11.7 (x64)) - "C:\Program Files\MariaDB 11.7\bin\mysql.exe" --defaults-file=C:\Program Files\MariaDB 11.7\data\my.ini -uroot -p
MariaDB [EventManagerSystem]> INSERT INTO Users (username, email, password, isAdmin)
-> VALUES (
->     'bassam',
->     'bassam@gmail.com',
->     '$2b$10$IVI5jdWE5CnVRTl0NM9WbumHAzuSVGbJT/Zg4poU5fDXS8mIm0dQS',
->     FALSE
-> );
Query OK, 1 row affected (0.041 sec)

MariaDB [EventManagerSystem]> SELECT * FROM users
-> ;
+----+-----+-----+-----+-----+-----+-----+
| id | username | email | password | isAdmin | createdAt | updatedAt |
+----+-----+-----+-----+-----+-----+-----+
| 1 | admin | admin@gmail.com | $2b$10$QhduFvaEzJFVb2pw3uzMkuChWM2vGvB3JeVaryjwKwFuhRc/ucYwS | 1 | 2025-05-14 20:34:55 | 2025-05-14 20:34:55 |
| 2 | bassam | bassam@gmail.com | $2b$10$IVI5jdWE5CnVRTl0NM9WbumHAzuSVGbJT/Zg4poU5fDXS8mIm0dQS | 0 | 2025-05-20 23:23:12 | 2025-05-20 23:23:12 |
+----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.008 sec)

MariaDB [EventManagerSystem]> _
```

Commands Executed:

```
INSERT INTO Users (username, email, password, isAdmin)
VALUES (
    'bassam',
    'bassam@gmail.com',
    '$2b$10$1V15jGNE5cVWRTjU9W9N0HMhAzaSVGbJ7/Zg4pGbFSXeSmIn8d0S2',
    FALSE
);
```

Description:

Creates a standard user with:

- **Username:** bassam
- **Email:** bassam@gmail.com
- **Password:** Hashed using bcrypt (cost factor: 10).
- **Admin Flag:** FALSE (standard user).

Verification:

```
SELECT * FROM users;
```

Confirms the user account appears in the Users table with isAdmin=0.

4. Regular User Account Creation (Ashraf)

```
MySQL Client (MariaDB 11.7 (x64)) - "C:\Program Files\MariaDB 11.7\bin\mysql.exe" --defaults-file=C:\Program Files\MariaDB 11.7\data\my.ini -uroot -p
MariaDB [EventManagerSystem]> INSERT INTO Users (username, email, password, isAdmin)
-> VALUES (
->     'ashraf',
->     'ashraf@gmail.com',
->     '$2b$10$jsZRHhTRCXwRk1yUcY1M4uZPNTCsFRDnecQKsdJuEU/6lGncxK.Vq',
->     FALSE
-> );
Query OK, 1 row affected (0.025 sec)

MariaDB [EventManagerSystem]> SELECT * FROM users;
+----+-----+-----+-----+-----+-----+-----+
| id | username | email | password | isAdmin | createdAt | updatedAt |
+----+-----+-----+-----+-----+-----+-----+
| 1 | admin | admin@gmail.com | $2b$10$QhduFvaEz7FVb2pw3uzMkuChW2vGvB3JeVaryjwKwFuhRc/ucYwS | 1 | 2025-05-14 20:34:55 | 2025-05-14 20:34:55 |
| 2 | bassam | bassam@gmail.com | $2b$10$TIVi5jdME5CnVRT10NM9WbumHAzuSVGb7T/Zg4poU5fDXS8mIm0dQS | 0 | 2025-05-20 23:23:12 | 2025-05-20 23:23:12 |
| 3 | ashraf | ashraf@gmail.com | $2b$10$jsZRHhTRCXwRk1yUcY1M4uZPNTCsFRDnecQKsdJuEU/6lGncxK.Vq | 0 | 2025-05-21 17:14:57 | 2025-05-21 17:14:57 |
+----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [EventManagerSystem]> _
```

Commands Executed:

```
INSERT INTO Users (username, email, password, isAdmin)
VALUES (
    'ashraf',
    'ashraf@gmail.com',
    '$2b$10$152BHnTRCxRkLyUCY1M4uZPMTCSFRDmeGQKsdJuEU/6iGnc
xK.Vq',
    FALSE
);
```

Description:

Creates a standard user with:

- **Username:** ashraf
- **Email:** ashraf@gmail.com
- **Password:** Hashed using bcrypt (cost factor: 10).
- **Admin Flag:** FALSE (standard user).

Verification:

```
SELECT * FROM users;
```

Confirms the user account appears in the Users table with isAdmin=0.