Last login: Tue Mar 18 16:30:56 on ttys001
sa17@Sa17s-MacBook-Air ~ % /Applications/MAMP/Library/bin/mysql80/bin/mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 60
Server version: 8.0.40 Source distribution
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affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> SHOW DATABASES;
+--------------------+
| Database |
+--------------------+
| information_schema |
| mysql |
| performance_schema |
| StudentRecords |
| sys |
+--------------------+
5 rows in set (0.00 sec)
mysql> CREATE DATABASE ServantsLog;
Query OK, 1 row affected (0.00 sec)
mysql> SHOW DATABASES;
+--------------------+
| Database |
+--------------------+
| information_schema |
| mysql |
| performance_schema |
| ServantsLog |
| StudentRecords |
| sys |
+--------------------+
6 rows in set (0.00 sec)
mysql> USE ServantsLog;
Database changed
mysql> CREATE TABLE Veterans (
    -> VeteranID INT PRIMARY KEY AUTO_INCREMENT,
    -> FirstName VARCHAR(50) NOT NULL,
    -> LastName VARCHAR(50) NOT NULL,
    -> MiddleName VARCHAR(50),
    -> DateOfBirth DATE,
    -> DateOfDeath DATE,
    -> RankID INT,
    -> BranchID INT,
    -> ServiceStartDate DATE,
    -> ServiceEndDate DATE,
    -> ConflictID INT,
    -> FOREIGN KEY (RankID) REFERENCES Ranks(RankID),
    -> FOREIGN KEY (BranchID) REFERENCES Branches(BranchID),
    -> FOREIGN KEY (ConflictID) REFERENCES Conflicts(ConflictID)
    ->);
ERROR 1824 (HY000): Failed to open the referenced table 'Ranks'
mysql> CREATE TABLE Ranks (
    ->   RankID INT PRIMARY KEY AUTO_INCREMENT,

```
    -> RankName VARCHAR(50) UNIQUE NOT NULL
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> CREATE TABLE Branches (
    -> BranchID INT PRIMARY KEY AUTO_INCREMENT,
    -> BranchName VARCHAR(50) UNIQUE NOT NULL
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> CREATE TABLE Cemeteries (
    -> CemeteryID INT PRIMARY KEY AUTO_INCREMENT,
    -> CemeteryName VARCHAR(100) NOT NULL,
    -> Address VARCHAR(255),
    -> City VARCHAR(100),
    -> State VARCHAR(50),
    -> ZipCode VARCHAR(10),
    -> GPSLatitude DECIMAL(9,6),
    -> GPSLongitude DECIMAL(9,6)
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> CREATE TABLE Conflicts (
    -> ConflictID INT PRIMARY KEY AUTO_INCREMENT,
    -> ConflictName VARCHAR(100) UNIQUE NOT NULL,
    -> StartDate DATE,
    -> EndDate DATE
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> CREATE TABLE Awards (
    -> AwardID INT PRIMARY KEY AUTO_INCREMENT,
    -> AwardName VARCHAR(100) UNIQUE NOT NULL,
    -> Description TEXT
    -> );
Query OK, 0 rows affected (0.02 sec)
mysql> CREATE TABLE Veterans (
    -> VeteranID INT PRIMARY KEY AUTO_INCREMENT,
    -> FirstName VARCHAR(50) NOT NULL,
    -> LastName VARCHAR(50) NOT NULL,
    -> MiddleName VARCHAR(50),
    -> DateOfBirth DATE,
    -> DateOfDeath DATE,
    -> RankID INT,
    -> BranchID INT,
    -> ServiceStartDate DATE,
    -> ServiceEndDate DATE,
    -> ConflictID INT,
    -> FOREIGN KEY (RankID) REFERENCES Ranks(RankID),
    -> FOREIGN KEY (BranchID) REFERENCES Branches(BranchID),
    -> FOREIGN KEY (ConflictID) REFERENCES Conflicts(ConflictID)
    -> );
Query OK, 0 rows affected (0.02 sec)
mysql> CREATE TABLE Graves (
    -> GraveID INT PRIMARY KEY AUTO_INCREMENT,
    -> VeteranID INT,
    -> CemeteryID INT,
    -> PlotNumber VARCHAR(20),
    -> Section VARCHAR(20),
    -> Row VARCHAR(20),
    -> GPSLatitude DECIMAL(9,6),
```

```
    -> GPSLongitude DECIMAL(9,6),
    -> FOREIGN KEY (VeteranID) REFERENCES Veterans(VeteranID),
    -> FOREIGN KEY (CemeteryID) REFERENCES Cemeteries(CemeteryID)
    -> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server
version for the right syntax to use near 'Row VARCHAR(20),
GPSLatitude DECIMAL(9,6),
GPSLongitude DECIMAL(9,6),
FOREIGN KE' at line 7
mysql> CREATE TABLE Graves (
    -> GraveID INT PRIMARY KEY AUTO_INCREMENT,
    -> VeteranID INT,
    -> CemeteryID INT,
    -> PlotNumber VARCHAR(20),
    -> Section VARCHAR(20),
    -> RowNumber VARCHAR(20),
    -> GPSLatitude DECIMAL(9,6),
    -> GPSLongitude DECIMAL(9,6),
    -> FOREIGN KEY (VeteranID) REFERENCES Veterans(VeteranID),
    -> FOREIGN KEY (CemeteryID) REFERENCES Cemeteries(CemeteryID)
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> CREATE TABLE VeteranAwards (
    -> VeteranAwardID INT PRIMARY KEY AUTO_INCREMENT,
    -> VeteranID INT,
    -> AwardID INT,
    -> FOREIGN KEY (VeteranID) REFERENCES Veterans(VeteranID),
    -> FOREIGN KEY (AwardID) REFERENCES Awards(AwardID)
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> CREATE TABLE Users (
    -> UserID INT PRIMARY KEY AUTO_INCREMENT,
    -> Username VARCHAR(50) UNIQUE NOT NULL,
    -> PasswordHash VARCHAR(255) NOT NULL,
    -> Email VARCHAR(100) UNIQUE NOT NULL,
    -> Role ENUM('Admin', 'User') NOT NULL
    -> );
Query OK, 0 rows affected (0.01 sec)
mysql> SHOW TABLES;
+----------------------+
| Tables_in_servantslog |
+----------------------+
| Awards               |
| Branches             |
| Cemeteries           |
| Conflicts            |
| Graves               |
| Ranks                |
| Users                |
| VeteranAwards        |
| Veterans             |
+----------------------+
9 rows in set (0.01 sec)
mysql> DESCRIBE Veterans;
+------------------+-------------+------+-----+---------+---------------+
| Field            | Type        | Null | Key | Default | Extra         |
+------------------+-------------+------+-----+---------+---------------+
```

```
| VeteranID        | int        | NO   | PRI | NULL    | auto_increment |
| FirstName        | varchar(50)| NO   |     | NULL    |                |
| LastName         | varchar(50)| NO   |     | NULL    |                |
| MiddleName       | varchar(50)| YES  |     | NULL    |                |
| DateOfBirth      | date       | YES  |     | NULL    |                |
| DateOfDeath      | date       | YES  |     | NULL    |                |
| RankID           | int        | YES  | MUL | NULL    |                |
| BranchID         | int        | YES  | MUL | NULL    |                |
| ServiceStartDate | date       | YES  |     | NULL    |                |
| ServiceEndDate   | date       | YES  |     | NULL    |                |
| ConflictID       | int        | YES  | MUL | NULL    |                |
+------------------+------------+------+-----+---------+----------------+
11 rows in set (0.01 sec)
mysql> CREATE TABLE Documents (
    -> DocumentID INT PRIMARY KEY AUTO_INCREMENT,
    -> VeteranID INT,
    -> DocumentType VARCHAR(100),
    -> UploadDate DATE,
    -> FilePath VARCHAR(255),
    -> FOREIGN KEY (VeteranID) REFERENCES Veterans(VeteranID)
    -> );
Query OK, 0 rows affected (0.02 sec)
mysql> SHOW TABLES;
+----------------------+
| Tables_in_servantslog |
+----------------------+
| Awards               |
| Branches             |
| Cemeteries           |
| Conflicts            |
| Documents            |
| Graves               |
| Ranks                |
| Users                |
| VeteranAwards        |
| Veterans             |
+----------------------+
10 rows in set (0.00 sec)
mysql> INSERT INTO Ranks (RankName)
    -> VALUES ('Private'),
    -> ('Sergeant'),
    -> ('Lieutenant'),
    -> ('Captain'),
    -> ('Major'),
    -> ('Colonel'),
    -> ('General');
Query OK, 7 rows affected (0.00 sec)
Records: 7  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Branches (BranchName)
    -> VALUES ('Army'),
    -> ('Navy'),
    -> ('Air Force'),
    -> ('Marines'),
    -> ('Coast Guard');
Query OK, 5 rows affected (0.00 sec)
Records: 5  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Conflicts (ConflictName, StartDate, EndDate)
```

```
   -> VALUES ('World War I', '1914-07-28', '1918-11-11'),
   -> ('World War II', '1939-09-01', '1945-09-02'),
   -> ('Korean War', '1950-06-25', '1953-07-27'),
   -> ('Vietnam War', '1955-11-01', '1975-04-30'),
   -> ('Gulf War', '1990-08-07', '1991-02-28');
Query OK, 5 rows affected (0.00 sec)
Records: 5  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Cemeteries (CemeteryName, Address, City, State, ZipCode, GPSLatitude, GPSLongitude)
   -> VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '22211'   -> VALUES ('Beth El Cemetery', '360
Roxbury Road', 'Stamford', 'CT', '06903', 41.09530, -73.57560),
   -> VALUES ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '06903', 41.08440, -73.56670);,
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server
version for the right syntax to use near 'VALUES ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '0690'
at line 3
   -> INSERT INTO Cemeteries (CemeteryName, Address, City, State, ZipCode, GPSLatitude, GPSLongitude)
   -> VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '06903', 41.09530, -73.57560),
   -> VALUES ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '06903', 41.08440, -73.56670);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server
version for the right syntax to use near ',
INSERT INTO Cemeteries (CemeteryName, Address, City, State, ZipCode, GPSLatitu' at line 1
mysql> INSERT INTO Cemeteries (CemeteryName, Address, City, State, ZipCode, GPSLatitude, GPSLongitude)
   -> VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '06903', 41.09530, -73.57560),
   -> VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '06903', 41.0953, -73.5756),
   -> VALUES ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '06903', 41.0844, -73.5667);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server
version for the right syntax to use near 'VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '06903', 41.09' at
line 3
mysql> INSERT INTO Cemeteries (CemeteryName, Address, City, State, ZipCode, GPSLatitude, GPSLongitude)
   -> VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '06903', 41.0953, -73.5756),
   -> VALUES ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '06903', 41.0844, -73.5667);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server
version for the right syntax to use near 'VALUES ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '0690'
at line 3
mysql> INSERT INTO Cemeteries (CemeteryName, Address, City, State, ZipCode, GPSLatitude, GPSLongitude)
   -> VALUES ('Beth El Cemetery', '360 Roxbury Road', 'Stamford', 'CT', '06903', 41.0953, -73.5756),
   -> ('Agudath Sholom Cemetery', '550 West Hill Road', 'Stamford', 'CT', '06903', 41.0844, -73.5667);
Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Veterans (FirstName, LastName, MiddleName, DateOfBirth, DateOfDeath, RankID, BranchID,
ServiceStartDate, ServiceEndDate, ConflictID)
   -> VALUES ('John', 'Doe', 'A', '1890-01-15', '1950-05-21', 3, 1, '1912-06-01', '1918-11-11', 1),
   -> ('James', 'Smith', 'B', '1920-02-12', '1975-08-14', 5, 2, '1941-06-15', '1945-05-15', 2),
   -> ('Michael', 'Johnson', 'C', '1935-09-01', '1969-12-20', 4, 3, '1955-10-20', '1963-04-30', 4);
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Graves (VeteranID, CemeteryID, PlotNumber, Section, RowNumber, GPSLatitude, GPSLongitude)
   -> VALUES (1, 1, 'A-12', 'Section 1', 'Row 5', 38.8893, -77.0469),
   -> (2, 2, 'B-34', 'Section 2', 'Row 3', 41.1050, -73.5311),
   -> (3, 1, 'C-5', 'Section 3', 'Row 2', 38.8893, -77.0469);
Query OK, 3 rows affected (0.00 sec)
Records: 3  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Awards (AwardName, Description)
   -> VALUES ('Purple Heart', 'Awarded to members of the armed forces who are wounded or killed in combat'),
   -> ('Bronze Star', 'Awarded for heroic or meritorious achievement or service in a combat zone');
Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0
mysql> INSERT INTO VeteranAwards (VeteranID, AwardID)
```

```
    -> VALUES (1, 1),
    -> (2, 2),
    -> (3, 1);
Query OK, 3 rows affected (0.00 sec)
Records: 3  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Documents (VeteranID, DocumentType, UploadDate, FilePath) VALUES
    -> (1, 'Service Record', '1945-06-15', '/docs/john_doe_service_record.pdf'),
    -> (2, 'Medical Record', '1969-12-15', '/docs/james_smith_medical_record.pdf');
Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0
mysql> INSERT INTO Users (Username, PasswordHash, Email, Role) VALUES
    -> ('admin_user', 'hashedpassword123', 'admin@example.com', 'Admin'),
    -> ('standard_user', 'hashedpassword456', 'user@example.com', 'User');
Query OK, 2 rows affected (0.00 sec)
Records: 2  Duplicates: 0  Warnings: 0
mysql> SELECT * FROM Ranks;
+--------+------------+
| RankID | RankName   |
+--------+------------+
|      4 | Captain    |
|      6 | Colonel    |
|      7 | General    |
|      3 | Lieutenant |
|      5 | Major      |
|      1 | Private    |
|      2 | Sergeant   |
+--------+------------+
7 rows in set (0.00 sec)
mysql> SELECT * FROM Branches;
+----------+-------------+
| BranchID | BranchName  |
+----------+-------------+
|        3 | Air Force   |
|        1 | Army        |
|        5 | Coast Guard |
|        4 | Marines     |
|        2 | Navy        |
+----------+-------------+
5 rows in set (0.00 sec)
mysql> SELECT * FROM Conflicts;
+------------+--------------+------------+------------+
| ConflictID | ConflictName | StartDate  | EndDate    |
+------------+--------------+------------+------------+
|          1 | World War I  | 1914-07-28 | 1918-11-11 |
|          2 | World War II | 1939-09-01 | 1945-09-02 |
|          3 | Korean War   | 1950-06-25 | 1953-07-27 |
|          4 | Vietnam War  | 1955-11-01 | 1975-04-30 |
|          5 | Gulf War     | 1990-08-07 | 1991-02-28 |
+------------+--------------+------------+------------+
5 rows in set (0.00 sec)
mysql> SELECT * FROM Cemeteries;
+------------+------------------------+-------------------+----------+-------+---------+-------------+--------------+
| CemeteryID | CemeteryName           | Address           | City     | State | ZipCode | GPSLatitude | GPSLongitude |
+------------+------------------------+-------------------+----------+-------+---------+-------------+--------------+
|          1 | Beth El Cemetery       | 360 Roxbury Road  | Stamford | CT    | 06903   | 41.095300   | -73.575600   |
|          2 | Agudath Sholom Cemetery | 550 West Hill Road | Stamford | CT    | 06903   | 41.084400   | -73.566700   |
+------------+------------------------+-------------------+----------+-------+---------+-------------+--------------+
```

2 rows in set (0.00 sec)

```
mysql> SELECT * FROM Graves;
+---------+-----------+------------+-------------+-----------+-----------+-------------+--------------+
| GraveID | VeteranID | CemeteryID | PlotNumber  | Section   | RowNumber | GPSLatitude | GPSLongitude |
+---------+-----------+------------+-------------+-----------+-----------+-------------+--------------+
|    1    |    1      |    1       | A-12        | Section 1 | Row 5     | 38.889300   | -77.046900   |
|    2    |    2      |    2       | B-34        | Section 2 | Row 3     | 41.105000   | -73.531100   |
|    3    |    3      |    1       | C-5         | Section 3 | Row 2     | 38.889300   | -77.046900   |
+---------+-----------+------------+-------------+-----------+-----------+-------------+--------------+
3 rows in set (0.00 sec)

mysql> SELECT * FROM Veterans;
+-----------+-----------+----------+------------+-------------+-------------+--------+----------+------------------+----------------+------------+
| VeteranID | FirstName | LastName | MiddleName | DateOfBirth | DateOfDeath | RankID | BranchID | ServiceStartDate | ServiceEndDate | ConflictID |
+-----------+-----------+----------+------------+-------------+-------------+--------+----------+------------------+----------------+------------+
|     1     | John      | Doe      | A          | 1890-01-15  | 1950-05-21  |   3    |    1     | 1912-06-01       | 1918-11-11     |     1      |
|     2     | James     | Smith    | B          | 1920-02-12  | 1975-08-14  |   5    |    2     | 1941-06-15       | 1945-05-15     |     2      |
|     3     | Michael   | Johnson  | C          | 1935-09-01  | 1969-12-20  |   4    |    3     | 1955-10-20       | 1963-04-30     |     4      |
+-----------+-----------+----------+------------+-------------+-------------+--------+----------+------------------+----------------+------------+
3 rows in set (0.00 sec)

mysql> SELECT * FROM Awards;
+---------+--------------+------------------------------------------------------------------------+
| AwardID | AwardName    | Description                                                            |
+---------+--------------+------------------------------------------------------------------------+
|    1    | Purple Heart | Awarded to members of the armed forces who are wounded or killed in combat |
|    2    | Bronze Star  | Awarded for heroic or meritorious achievement or service in a combat zone  |
+---------+--------------+------------------------------------------------------------------------+
2 rows in set (0.00 sec)

mysql> SELECT * FROM VeteranAwards;
+----------------+-----------+---------+
| VeteranAwardID | VeteranID | AwardID |
+----------------+-----------+---------+
|       1        |    1      |    1    |
|       2        |    2      |    2    |
|       3        |    3      |    1    |
+----------------+-----------+---------+
3 rows in set (0.01 sec)

mysql> SELECT * FROM Documents;
+------------+-----------+----------------+------------+-------------------------------------+
| DocumentID | VeteranID | DocumentType   | UploadDate | FilePath                            |
+------------+-----------+----------------+------------+-------------------------------------+
|     1      |    1      | Service Record | 1945-06-15 | /docs/john_doe_service_record.pdf   |
|     2      |    2      | Medical Record | 1969-12-15 | /docs/james_smith_medical_record.pdf |
+------------+-----------+----------------+------------+-------------------------------------+
2 rows in set (0.00 sec)

mysql> SELECT * FROM Users;
+--------+--------------+------------------+------------------+-------+
| UserID | Username     | PasswordHash     | Email            | Role  |
+--------+--------------+------------------+------------------+-------+
|   1    | admin_user   | hashedpassword123 | admin@example.com | Admin |
|   2    | standard_user | hashedpassword456 | user@example.com  | User  |
+--------+--------------+------------------+------------------+-------+
2 rows in set (0.00 sec)

mysql> SELECT * FROM Veterans WHERE LastName = 'Doe';
+-----------+-----------+----------+------------+-------------+-------------+--------+----------+------------------+----------------+------------+
| VeteranID | FirstName | LastName | MiddleName | DateOfBirth | DateOfDeath | RankID | BranchID | ServiceStartDate | ServiceEndDate | ConflictID |
```

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+-----------+----------+---------+-----------+------------+------------+--------+---------+-----------------+---------------+-----------+
|         1 | John     | Doe     | A         | 1890-01-15 | 1950-05-21 |      3 |       1 | 1912-06-01      | 1918-11-11    |         1 |
+-----------+----------+---------+-----------+------------+------------+--------+---------+-----------------+---------------+-----------+
1 row in set (0.00 sec)
mysql> SELECT * FROM Graves WHERE PlotNumber = 'A-12';
+---------+-----------+------------+------------+-----------+----------+-------------+--------------+
| GraveID | VeteranID | CemeteryID | PlotNumber | Section   | RowNumber | GPSLatitude | GPSLongitude |
+---------+-----------+------------+------------+-----------+----------+-------------+--------------+
|       1 |         1 |          1 | A-12       | Section 1 | Row 5     |   38.889300 |   -77.046900 |
+---------+-----------+------------+------------+-----------+----------+-------------+--------------+
1 row in set (0.00 sec)
mysql> SELECT * FROM Cemeteries WHERE City = 'Stamford';
+------------+------------------------+--------------------+----------+-------+---------+-------------+--------------+
| CemeteryID | CemeteryName           | Address            | City     | State | ZipCode | GPSLatitude | GPSLongitude |
+------------+------------------------+--------------------+----------+-------+---------+-------------+--------------+
|          1 | Beth El Cemetery       | 360 Roxbury Road   | Stamford | CT    | 06903   |   41.095300 |   -73.575600 |
|          2 | Agudath Sholom Cemetery | 550 West Hill Road | Stamford | CT    | 06903   |   41.084400 |   -73.566700 |
+------------+------------------------+--------------------+----------+-------+---------+-------------+--------------+
2 rows in set (0.00 sec)
mysql> SELECT * FROM Conflicts WHERE ConflictName = 'World War II';
+------------+--------------+------------+------------+
| ConflictID | ConflictName | StartDate  | EndDate    |
+------------+--------------+------------+------------+
|          2 | World War II | 1939-09-01 | 1945-09-02 |
+------------+--------------+------------+------------+
1 row in set (0.00 sec)
mysql> SELECT * FROM Awards WHERE AwardName = 'Purple Heart';
+---------+--------------+-------------------------------------------------------------------------+
| AwardID | AwardName    | Description                                                             |
+---------+--------------+-------------------------------------------------------------------------+
|       1 | Purple Heart | Awarded to members of the armed forces who are wounded or killed in combat |
+---------+--------------+-------------------------------------------------------------------------+
1 row in set (0.00 sec)
mysql> SELECT * FROM Documents WHERE DocumentType = 'Service Record';
+------------+-----------+----------------+------------+----------------------------------+
| DocumentID | VeteranID | DocumentType   | UploadDate | FilePath                         |
+------------+-----------+----------------+------------+----------------------------------+
|          1 |         1 | Service Record | 1945-06-15 | /docs/john_doe_service_record.pdf |
+------------+-----------+----------------+------------+----------------------------------+
1 row in set (0.00 sec)
mysql> SELECT * FROM Users WHERE Role = 'Admin';
+--------+------------+-------------------+-------------------+-------+
| UserID | Username   | PasswordHash      | Email             | Role  |
+--------+------------+-------------------+-------------------+-------+
|      1 | admin_user | hashedpassword123 | admin@example.com | Admin |
+--------+------------+-------------------+-------------------+-------+
1 row in set (0.00 sec)
mysql> DESCRIBE Ranks;
+----------+-------------+------+-----+---------+----------------+
| Field    | Type        | Null | Key | Default | Extra          |
+----------+-------------+------+-----+---------+----------------+
| RankID   | int         | NO   | PRI | NULL    | auto_increment |
| RankName | varchar(50) | NO   | UNI | NULL    |                |
+----------+-------------+------+-----+---------+----------------+
2 rows in set (0.00 sec)
mysql> DESCRIBE Branches;
+------------+-------------+------+-----+---------+----------------+
```

```
| Field      | Type       | Null | Key | Default | Extra          |
+------------+------------+------+-----+---------+----------------+
| BranchID   | int        | NO   | PRI | NULL    | auto_increment |
| BranchName | varchar(50)| NO   | UNI | NULL    |                |
+------------+------------+------+-----+---------+----------------+
2 rows in set (0.00 sec)
mysql> DESCRIBE Conflicts;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| ConflictID   | int          | NO   | PRI | NULL    | auto_increment |
| ConflictName | varchar(100) | NO   | UNI | NULL    |                |
| StartDate    | date         | YES  |     | NULL    |                |
| EndDate      | date         | YES  |     | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
4 rows in set (0.01 sec)
mysql> DESCRIBE Cemeteries;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| CemeteryID   | int          | NO   | PRI | NULL    | auto_increment |
| CemeteryName | varchar(100) | NO   |     | NULL    |                |
| Address      | varchar(255) | YES  |     | NULL    |                |
| City         | varchar(100) | YES  |     | NULL    |                |
| State        | varchar(50)  | YES  |     | NULL    |                |
| ZipCode      | varchar(10)  | YES  |     | NULL    |                |
| GPSLatitude  | decimal(9,6) | YES  |     | NULL    |                |
| GPSLongitude | decimal(9,6) | YES  |     | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
8 rows in set (0.00 sec)
mysql> DESCRIBE Graves;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| GraveID      | int          | NO   | PRI | NULL    | auto_increment |
| VeteranID    | int          | YES  | MUL | NULL    |                |
| CemeteryID   | int          | YES  | MUL | NULL    |                |
| PlotNumber   | varchar(20)  | YES  |     | NULL    |                |
| Section      | varchar(20)  | YES  |     | NULL    |                |
| RowNumber    | varchar(20)  | YES  |     | NULL    |                |
| GPSLatitude  | decimal(9,6) | YES  |     | NULL    |                |
| GPSLongitude | decimal(9,6) | YES  |     | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
8 rows in set (0.00 sec)
mysql> DESCRIBE Veterans;
+------------------+-------------+------+-----+---------+----------------+
| Field            | Type        | Null | Key | Default | Extra          |
+------------------+-------------+------+-----+---------+----------------+
| VeteranID        | int         | NO   | PRI | NULL    | auto_increment |
| FirstName        | varchar(50) | NO   |     | NULL    |                |
| LastName         | varchar(50) | NO   |     | NULL    |                |
| MiddleName       | varchar(50) | YES  |     | NULL    |                |
| DateOfBirth      | date        | YES  |     | NULL    |                |
| DateOfDeath      | date        | YES  |     | NULL    |                |
| RankID           | int         | YES  | MUL | NULL    |                |
| BranchID         | int         | YES  | MUL | NULL    |                |
| ServiceStartDate | date        | YES  |     | NULL    |                |
```

```
| ServiceEndDate | date        | YES |     | NULL    |                |
| ConflictID     | int         | YES | MUL | NULL    |                |
+------------------+-------------+------+-----+---------+----------------+
11 rows in set (0.00 sec)
mysql> DESCRIBE Awards;
+-------------+--------------+------+-----+---------+----------------+
| Field       | Type         | Null | Key | Default | Extra          |
+-------------+--------------+------+-----+---------+----------------+
| AwardID     | int          | NO   | PRI | NULL    | auto_increment |
| AwardName   | varchar(100) | NO   | UNI | NULL    |                |
| Description | text         | YES  |     | NULL    |                |
+-------------+--------------+------+-----+---------+----------------+
3 rows in set (0.00 sec)
mysql> DESCRIBE VeteranAwards;
+----------------+------+------+-----+---------+----------------+
| Field          | Type | Null | Key | Default | Extra          |
+----------------+------+------+-----+---------+----------------+
| VeteranAwardID | int  | NO   | PRI | NULL    | auto_increment |
| VeteranID      | int  | YES  | MUL | NULL    |                |
| AwardID        | int  | YES  | MUL | NULL    |                |
+----------------+------+------+-----+---------+----------------+
3 rows in set (0.00 sec)
mysql> DESCRIBE Documents;
+--------------+--------------+------+-----+---------+----------------+
| Field        | Type         | Null | Key | Default | Extra          |
+--------------+--------------+------+-----+---------+----------------+
| DocumentID   | int          | NO   | PRI | NULL    | auto_increment |
| VeteranID    | int          | YES  | MUL | NULL    |                |
| DocumentType | varchar(100) | YES  |     | NULL    |                |
| UploadDate   | date         | YES  |     | NULL    |                |
| FilePath     | varchar(255) | YES  |     | NULL    |                |
+--------------+--------------+------+-----+---------+----------------+
5 rows in set (0.01 sec)
mysql> DESCRIBE Users;
+--------------+---------------------+------+-----+---------+----------------+
| Field        | Type                | Null | Key | Default | Extra          |
+--------------+---------------------+------+-----+---------+----------------+
| UserID       | int                 | NO   | PRI | NULL    | auto_increment |
| Username     | varchar(50)         | NO   | UNI | NULL    |                |
| PasswordHash | varchar(255)        | NO   |     | NULL    |                |
| Email        | varchar(100)        | NO   | UNI | NULL    |                |
| Role         | enum('Admin','User')| NO   |     | NULL    |                |
+--------------+---------------------+------+-----+---------+----------------+
5 rows in set (0.00 sec)
```