

```
-- MariaDB SQL Dump
-- Database: project_management_system
-- Host: 127.0.0.1
-- Server Version: 10.4.32-MariaDB
```

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";
```

```
DELIMITER $$
```

```
-----
-- Table: files
-----
```

```
CREATE TABLE `files` (
  `id` INT(11) NOT NULL AUTO_INCREMENT,
  `fileName` VARCHAR(255) NOT NULL,
  `action` VARCHAR(50) DEFAULT NULL,
  `fileType` VARCHAR(50) DEFAULT NULL,
  `findingName` VARCHAR(255) DEFAULT NULL,
  `findingType` VARCHAR(50) DEFAULT NULL,
  `description` TEXT DEFAULT NULL,
  `filePath` VARCHAR(255) NOT NULL,
  `uploadedBy` VARCHAR(255) NOT NULL,
  `uploadDate` DATETIME DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

-- Table: project

```
-----  
CREATE TABLE `project` (  
  `projectID` INT(11) NOT NULL AUTO_INCREMENT,  
  `projectName` VARCHAR(30) DEFAULT NULL,  
  `projectDescription` VARCHAR(30) DEFAULT NULL,  
  `startDate` DATE DEFAULT NULL,  
  `endDate` DATE DEFAULT NULL,  
  `projectStatus` VARCHAR(30) DEFAULT NULL,  
  `UserID` INT(11) DEFAULT NULL,  
  `findingID` INT(11) NOT NULL,  
  `email` VARCHAR(255) NOT NULL,  
  PRIMARY KEY (`projectID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

-- Table: team

```
-----  
CREATE TABLE `team` (  
  `ID` INT(11) NOT NULL AUTO_INCREMENT,  
  `memberName` VARCHAR(255) DEFAULT NULL,  
  `memberEmail` VARCHAR(255) DEFAULT NULL,  
  `projectName` VARCHAR(255) DEFAULT NULL,  
  `email` VARCHAR(255) DEFAULT NULL,  
  PRIMARY KEY (`ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

-- Table: users

```
-----  
CREATE TABLE `users` (  
  `userID` INT(11) NOT NULL AUTO_INCREMENT,  
  `userName` VARCHAR(50) NOT NULL,  
  `emailAddress` VARCHAR(100) NOT NULL,  
  `password` VARCHAR(255) NOT NULL,  
  `accountStatus` VARCHAR(50) DEFAULT 'active',  
  `roleID` INT(11) DEFAULT NULL,  
  `firstName` VARCHAR(50) DEFAULT NULL,  
  `lastName` VARCHAR(50) DEFAULT NULL,  
  PRIMARY KEY (`userID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
-----  
-- Stored Procedures  
-----
```

```
-- Procedure to add a file  
CREATE PROCEDURE `AddFile` (  
  IN `p_fileName` VARCHAR(255),  
  IN `p_action` VARCHAR(50),  
  IN `p_fileType` VARCHAR(50),  
  IN `p_findingName` VARCHAR(255),  
  IN `p_findingType` VARCHAR(50),  
  IN `p_description` TEXT,  
  IN `p_filePath` VARCHAR(255),  
  IN `p_uploadedBy` VARCHAR(255)  
)  
BEGIN
```

```
INSERT INTO files (fileName, action, fileType, findingName, findingType, description, filePath,
uploadedBy)
```

```
VALUES (p_fileName, p_action, p_fileType, p_findingName, p_findingType, p_description,
p_filePath, p_uploadedBy);
```

```
END$$
```

```
-- Procedure to add a team member
```

```
CREATE PROCEDURE `AddTeamMember` (
```

```
IN `p_memberName` VARCHAR(255),
```

```
IN `p_memberEmail` VARCHAR(255),
```

```
IN `p_projectName` VARCHAR(255),
```

```
IN `p_userEmail` VARCHAR(255)
```

```
)
```

```
BEGIN
```

```
INSERT INTO team (memberName, memberEmail, projectName, email)
```

```
VALUES (p_memberName, p_memberEmail, p_projectName, p_userEmail);
```

```
END$$
```

```
-- Procedure to count projects by user email
```

```
CREATE PROCEDURE `CountProjectsByUserEmail` (IN `userEmail` VARCHAR(255))
```

```
BEGIN
```

```
SELECT
```

```
COUNT(*) AS totalProjects,
```

```
SUM(CASE WHEN projectStatus = 'ongoing' THEN 1 ELSE 0 END) AS ongoingProjects,
```

```
SUM(CASE WHEN projectStatus = 'completed' THEN 1 ELSE 0 END) AS completedProjects
```

```
FROM project
```

```
WHERE email = userEmail;
```

```
END$$
```

-- Procedure to delete a file

```
CREATE PROCEDURE `DeleteFile` (IN `p_id` INT)
```

```
BEGIN
```

```
    DELETE FROM files WHERE id = p_id;
```

```
END$$
```

-- Procedure to get all files

```
CREATE PROCEDURE `GetAllFiles` ()
```

```
BEGIN
```

```
    SELECT * FROM files;
```

```
END$$
```

-- Procedure to get a file by ID

```
CREATE PROCEDURE `GetFileById` (IN `p_id` INT)
```

```
BEGIN
```

```
    SELECT * FROM files WHERE id = p_id;
```

```
END$$
```

-- Procedure to get projects by user email

```
CREATE PROCEDURE `GetProjectsByEmail` (IN `userEmail` VARCHAR(255))
```

```
BEGIN
```

```
    SELECT projectName FROM project WHERE email = userEmail;
```

```
END$$
```

-- Procedure to get user by email

```
CREATE PROCEDURE `GetUserByEmail` (IN `input_email` VARCHAR(100))
```

```
BEGIN
```

```
    SELECT userID, userName, emailAddress, password, accountStatus
```

```
    FROM users WHERE emailAddress = input_email;
```

END\$\$

-- Procedure to get username by email

CREATE PROCEDURE `GetUserNameByEmail` (IN `userEmail` VARCHAR(255))

BEGIN

SELECT \* FROM users WHERE emailAddress = userEmail;

END\$\$

-- Procedure to get username by user ID

CREATE PROCEDURE `GetUserNameByID` (IN `userID` INT)

BEGIN

SELECT userName FROM users WHERE userID = userID;

END\$\$

-- Procedure to insert a file record

CREATE PROCEDURE `InsertFileRecord` (

IN `p\_fileName` VARCHAR(255),

IN `p\_fileType` VARCHAR(50),

IN `p\_filePath` VARCHAR(255),

IN `p\_uploadedBy` VARCHAR(100),

IN `p\_uploadDate` DATETIME

)

BEGIN

INSERT INTO files (fileName, fileType, filePath, uploadedBy, uploadDate)

VALUES (p\_fileName, p\_fileType, p\_filePath, p\_uploadedBy, p\_uploadDate);

END\$\$

-- Procedure to register a user

CREATE PROCEDURE `RegisterUser` (

```

    IN `p_userName` VARCHAR(50),
    IN `p_emailAddress` VARCHAR(100),
    IN `p_password` VARCHAR(255),
    IN `p_roleID` INT,
    IN `p_firstName` VARCHAR(50),
    IN `p_lastName` VARCHAR(50)
)
BEGIN
    INSERT INTO users (userName, emailAddress, password, roleID, firstName, lastName)
    VALUES (p_userName, p_emailAddress, p_password, p_roleID, p_firstName, p_lastName);
END$$

```

-- Procedure to update a file

```

CREATE PROCEDURE `UpdateFile` (
    IN `p_id` INT,
    IN `p_fileName` VARCHAR(255),
    IN `p_action` VARCHAR(50),
    IN `p_fileType` VARCHAR(50),
    IN `p_findingName` VARCHAR(255),
    IN `p_findingType` VARCHAR(50),
    IN `p_description` TEXT,
    IN `p_filePath` VARCHAR(255),
    IN `p_uploadedBy` VARCHAR(255)
)
BEGIN
    UPDATE files
    SET fileName = p_fileName,
        action = p_action,
        fileType = p_fileType,

```

```
findingName = p_findingName,  
findingType = p_findingType,  
description = p_description,  
filePath = p_filePath,  
uploadedBy = p_uploadedBy  
WHERE id = p_id;  
END$$
```

```
DELIMITER ;
```

```
COMMIT;
```