

```
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;
```

```
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;
```

```
CREATE TABLE `team` (  
  `ID` int(11) NOT NULL AUTO_INCREMENT,
```

```
`memberName` varchar(255) DEFAULT NULL,  
`memberEmail` varchar(255) DEFAULT NULL,  
`email` varchar(255) DEFAULT NULL,  
PRIMARY KEY (`ID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
CREATE TABLE `userlogs` (  
`logID` int(11) NOT NULL AUTO_INCREMENT,  
`userID` int(11) DEFAULT NULL,  
`action` varchar(100) DEFAULT NULL,  
`timestamp` timestamp NOT NULL DEFAULT current_timestamp(),  
PRIMARY KEY (`logID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
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,  
`roleID` int(11) NOT NULL,  
`accountStatus` enum('active','inactive','suspended') DEFAULT 'active',  
`firstName` varchar(50) NOT NULL,  
`lastName` varchar(50) NOT NULL,  
`createdAt` timestamp NOT NULL DEFAULT current_timestamp(),  
`updatedAt` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE  
current_timestamp(),  
PRIMARY KEY (`userID`)  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

DELIMITER \$\$

```
CREATE DEFINER=`root`@`localhost` 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$$
```

```
CREATE DEFINER=`root`@`localhost` 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$$
```

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `CountProjectsByEmail` (  
    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$$
```

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `DeleteFile` (  
    IN `p_id` INT  
)  
BEGIN  
    DELETE FROM files WHERE id = p_id;  
END$$
```

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `GetAllFiles` ()  
BEGIN  
    SELECT * FROM files;  
END$$
```

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `GetFileById` (  
    IN `p_id` INT
```

```

)
BEGIN
    SELECT * FROM files WHERE id = p_id;
END$$

CREATE DEFINER=`root`@`localhost` PROCEDURE `GetProjectsByUserEmail` (
    IN `userEmail` VARCHAR(255)
)
BEGIN
    SELECT projectName
    FROM Project
    WHERE email = userEmail;
END$$

CREATE DEFINER=`root`@`localhost` PROCEDURE `GetUserByEmail` (
    IN `input_email` VARCHAR(100)
)
BEGIN
    SELECT userID, userName, emailAddress, password, accountStatus
    FROM Users
    WHERE emailAddress = input_email;
END$$

CREATE DEFINER=`root`@`localhost` PROCEDURE `GetUserNameByEmail` (
    IN `userEmail` VARCHAR(255)
)
BEGIN
    SELECT* FROM users WHERE emailAddress = userEmail;
END$$

```

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `GetUserNameById` (  
    IN `userID` INT  
)  
BEGIN  
    SELECT userName FROM users WHERE userID = userID;  
END$$
```

```
CREATE DEFINER=`root`@`localhost` 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$$
```

```
CREATE DEFINER=`root`@`localhost` 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$$
```

```
CREATE DEFINER=`root`@`localhost` 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 ;
```

