



TEAM 70

Phase III

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Team 70 SQL Statements

-- Phase 2 Create Table Statements:

```
CREATE TABLE User(  
    Username varchar(50),  
    Email varchar(50) NOT NULL,  
    Password char(32) NOT NULL, --because of md5 hash, yours might be different  
    UserType enum('ADMIN', 'OWNER', 'VISITOR') NOT NULL,  
    PRIMARY KEY(Username),  
    UNIQUE(Email)  
);
```

```
CREATE TABLE Property(  
    ID int CHECK (ID < 100,000),  
    Name varchar(255) NOT NULL,  
    Size float NOT NULL,  
    IsCommercial boolean NOT NULL,  
    IsPublic boolean NOT NULL,  
    Street varchar(255) NOT NULL,  
    City varchar(100) NOT NULL,  
    Zip int NOT NULL,  
    PropertyType enum('FARM', 'GARDEN', 'ORCHARD') NOT NULL,  
    Owner varchar(50) NOT NULL,  
    ApprovedBy varchar(50),  
    PRIMARY KEY(ID),  
    UNIQUE(Name),  
    FOREIGN KEY (Owner) REFERENCES User(Username)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    FOREIGN KEY(ApprovedBy) REFERENCES User(Username)  
        ON DELETE SET NULL ON UPDATE CASCADE,
```

);

```
CREATE TABLE Visit(  
    Username varchar(50),  
    PropertyID int,  
    VisitDate timestamp NOT NULL,  
    Rating int NOT NULL CHECK (Rating >= 1 AND Raing <= 5),  
    CONSTRAINT Pk_Visit PRIMARY KEY (Username, PropertyID),  
    FOREIGN KEY (Username) REFERENCES User(Username)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    FOREIGN KEY (PropertyID) REFERENCES Property(ID)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
);
```

```
CREATE TABLE FarmItem(  
    Name varchar(100),  
    IsApproved boolean NOT NULL,  
    Type enum('ANIMAL', 'FRUIT', 'FLOWER', 'VEGETABLE', 'NUT') NOT NULL,  
    PRIMARY KEY(Name)  
);
```

```
CREATE TABLE Has(  
    PropertyID int,  
    ItemName varchar(100),  
    CONSTRAINT Pk_Has PRIMARY KEY(PropertyID, ItemName),  
    FOREIGN KEY (PropertyID) REFERENCES Property(ID)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    FOREIGN KEY (ItemName) REFERENCES FarmItem(Name)  
        ON DELETE CASCADE ON UPDATE CASCADE
```

);

-- PHP Files Embedded SQL Statements

newOwnerReg:

```
$sql = "INSERT INTO User (Username, Email, Password, UserType) VALUES ('" . $_POST['username'] . "',  
'" . $_POST['email'] . "', '" . md5($_POST['password']) . "', 'OWNER' )";
```

```
$nextIDresult = mysqli_query($db, "SELECT MIN(ID)+1 ID FROM Property t WHERE NOT EXISTS (SELECT  
ID FROM Property WHERE ID = t.ID+1)");
```

```
$sql = "INSERT INTO Property (ID, Name, Size, IsCommercial, IsPublic, Street, City, Zip, PropertyType,  
Owner) VALUES (
```

```
$animalsql = "INSERT INTO Has (PropertyID, ItemName) VALUES ('" . $nextID . "', '" . $_POST['animal'] .  
"')";
```

```
$cropsql = "INSERT INTO Has (PropertyID, ItemName) VALUES ('" . $nextID . "', '" . $_POST['crop'] . "')";
```

```
$allGARDENCropsresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND  
(Type = 'VEGETABLE' OR Type = 'FLOWER')");
```

```
$allORCHARDCropsresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND  
(Type = 'FRUIT' OR Type = 'NUT')");
```

```
$allanimalresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND Type =  
'ANIMAL'");
```

newVisitorReg:

```
$sql = "INSERT INTO User (Username, Email, Password, UserType) VALUES ('" . $_POST['username'] . "',  
'" . $_POST['email'] . "', '" . md5($_POST['password']) . "', 'VISITOR' )";
```

ownerDashboard:

```
$result = mysqli_query($db, "SELECT * FROM Property WHERE Owner = '" . $_SESSION['login_user'] .  
"");
```

```
$visitsql = "SELECT COUNT(*), AVG(Rating) FROM Visit WHERE PropertyID = '" . $_row['ID'] . "'";
```

ownerList:

```
$propertyssql = "SELECT ID FROM Property WHERE Owner = '" . $_GET['username'] . "'";
```

```
$deletesql = "DELETE FROM Has WHERE PropertyID = '" . $_row['ID'] . "'";
```

```
$deletepropertyssql = "DELETE FROM Property WHERE Owner = '" . $_GET['username'] . "'";
```

```
$sql = "DELETE FROM User WHERE Username = '" . $_GET['username'] . "'";  
$result = mysqli_query($db, "SELECT * FROM User WHERE UserType = 'OWNER'");  
$visitsql = "SELECT COUNT(*) FROM Property WHERE Owner = '" . $row['Username'] . "'";
```

pendingEntities:

```
$sql = "DELETE FROM FarmItem WHERE Name = '" . $_GET['deleteName'] . "'";  
$sql = "UPDATE FarmItem SET IsApproved = '1' WHERE Name = '" . $_GET['approveName'] . "'";  
$unapprovedItemsql = "SELECT * FROM FarmItem WHERE IsApproved = '0'";
```

propertyDetails:

```
$sql = "INSERT INTO Visit (Username, PropertyID, Rating) VALUES ('" . $_SESSION['login_user'] . "', '" .  
$_POST['id'] . "', '" . $_POST['rating'] . "')";  
$sql = "DELETE FROM `Visit` WHERE Username = '" . $_SESSION['login_user'] . "' AND PropertyID = '" .  
$_POST['id'] . "'";  
$findpropertywithID = mysqli_query($db, "SELECT * FROM Property WHERE ID = '" . $_GET['id'] . "'");  
$ownerresult = mysqli_query($db, "SELECT * FROM User WHERE Username = '" .  
$foundproperty['Owner'] . "'");  
$visitresult = mysqli_query($db, "SELECT COUNT(*), AVG(Rating) FROM Visit WHERE PropertyID = '" .  
$foundproperty['ID'] . "'");  
$cropsresult = mysqli_query($db, "SELECT * FROM Has WHERE PropertyID = '" . $foundproperty['ID'] . "'  
AND ItemName NOT IN (SELECT Name FROM FarmItem WHERE Type = 'ANIMAL')");  
$animalresult = mysqli_query($db, "SELECT * FROM Has WHERE PropertyID = '" . $foundproperty['ID'] . "'  
AND ItemName IN (SELECT Name FROM FarmItem WHERE Type = 'ANIMAL')");  
$userhasvisitresult = mysqli_query($db, "SELECT * FROM Visit WHERE Username = '" .  
$_SESSION['login_user'] . "' AND PropertyID = '" . $foundproperty['ID'] . "'");
```

unconfirmedProperties:

```
"SELECT * FROM Property WHERE ApprovedBy IS NULL"
```

viewOtherProperties:

```
"SELECT * FROM Property WHERE Owner != '" . $_SESSION['login_user'] . "'")
```

```
"SELECT COUNT(*), AVG(Rating) FROM Visit WHERE PropertyID = " . $row['ID'] . ""
```

visitHistory:

```
"SELECT * FROM Visit INNER JOIN Property ON Visit.PropertyID = Property.ID WHERE Username = " .  
$_SESSION['login_user'] . ""
```

visitorDashboard:

```
"SELECT COUNT(*), AVG(Rating) FROM Visit WHERE PropertyID = " . $row['ID'] . "";
```

visitorList:

```
Delete User : "DELETE FROM User WHERE Username = " . $_GET['deleteUser'] . "";
```

```
Delete Logged Visit : "DELETE FROM Visit WHERE Username = " . $_GET['deleteLogs'] . "";
```

```
Visitors list: "SELECT * FROM User WHERE UserType = 'VISITOR';"
```

```
Visit History: "SELECT COUNT(*) FROM Visit WHERE Username = " . $row['Username'] . ""
```

addProperty:

```
$nextIDresult = mysqli_query($db, "SELECT MIN(ID)+1 ID FROM Property t WHERE NOT EXISTS (SELECT  
ID FROM Property WHERE ID = t.ID+1)")
```

```
$sql = "INSERT INTO Property (ID, Name, Size, IsCommercial, IsPublic, Street, City, Zip, PropertyType,  
Owner) VALUES (
```

```
    " . $nextID . ",
```

```
    " . $_POST['propertyName'] . ",
```

```
    " . $_POST['size'] . ",
```

```
    " . $iscommercial . ",
```

```
    " . $ispublic . ",
```

```
    " . $_POST['streetAddress'] . ",
```

```
    " . $_POST['city'] . ",
```

```
    " . $_POST['zip'] . ",
```

```
    " . strtoupper($_POST['type']) . ",
```

```
"" . $_SESSION['login_user'] . """);
```

```
$animalsql = "INSERT INTO Has (PropertyID, ItemName) VALUES ('" . $nextID . ", '" . $_POST['animal'] . "');"
```

```
$cropsql = "INSERT INTO Has (PropertyID, ItemName) VALUES ('" . $nextID . ", '" . $_POST['crop'] . "');"
```

```
$allGARDENcropsresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND (Type = 'VEGETABLE' OR Type = 'FLOWER')");
```

```
$allORCHARDcropsresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND (Type = 'FRUIT' OR Type = 'NUT')");
```

```
$allanimalresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND Type = 'ANIMAL'");
```

adminDashboard:

```
$result = mysqli_query($db, "SELECT * FROM Property WHERE ApprovedBy IS NOT NULL");
```

```
$visitsql = "SELECT COUNT(*), AVG(Rating) FROM Visit WHERE PropertyID = '" . $row['ID'] . "'";
```

approvedEntities:

```
$sql = "INSERT INTO FarmItem (Name, IsApproved, Type) VALUES ('" . $_POST['addName'] . "', '1', '" . $_POST['addType'] . "')";
```

```
$sql = "DELETE FROM FarmItem WHERE Name = '" . $_GET['deleteName'] . "'";
```

```
$approvedItemsql = "SELECT * FROM FarmItem WHERE IsApproved = '1'";
```

index:

```
$sql = "SELECT * FROM User WHERE Email = '$myemail' and Password = '" . md5($mypassword) . "'";
```

manageProperty:

```
$sql = "DELETE FROM Property WHERE ID = '" . $_POST['delete'] . "' AND Owner = '" . $_SESSION['login_user'] . "'";
```

```
$sql = "DELETE FROM Property WHERE ID = '" . $_POST['delete'] . "'";
```

```
$sqltwo = "DELETE FROM Has WHERE PropertyID = '" . $_POST['delete'] . "'";
```

```
$sqlthree = "DELETE FROM Visit WHERE PropertyID = '" . $_POST['delete'] . "'";
```

```
$deletelogsql = "DELETE FROM Visit WHERE PropertyID = '" . $_POST['id'] . "'";
```

```

$deletesql = "DELETE FROM Has WHERE PropertyID = '" . $_POST['id'] . "'";

$insertsql = $insertsql . "INSERT INTO Has (PropertyID, ItemName) VALUES ('" . $_POST['id'] . "', '" .
$cropName . "')";

$insertsql = $insertsql . "INSERT INTO Has (PropertyID, ItemName) VALUES ('" . $_POST['id'] . "', '" .
$animalName . "')";

$sql = "INSERT INTO FarmItem (Name, IsApproved, Type) VALUES ('" . $_POST['requestFormValue'] . "',
'0', '" . $_POST['requestFormType'] . "')";

$propertysql = "SELECT * FROM Property WHERE ID = '" . $_GET['id'] . "' AND Owner = '" .
$_SESSION['login_user'] . "'";

$propertysql = "SELECT * FROM Property WHERE ID = '" . $_GET['id'] . "'";

$cropsresult = mysqli_query($db, "SELECT * FROM Has WHERE PropertyID = '" . $foundproperty['ID'] . "'
AND ItemName NOT IN (SELECT Name FROM FarmItem WHERE Type = 'ANIMAL')");

$allcropssql = "SELECT * FROM FarmItem WHERE IsApproved = '1' AND Type != 'ANIMAL'";

$allanimalresult = mysqli_query($db, "SELECT * FROM FarmItem WHERE IsApproved = '1' AND Type =
'ANIMAL'");

$allcropssql = "SELECT * FROM FarmItem WHERE IsApproved = '1' AND (Type = 'VEGETABLE' OR Type =
'FLOWER')";

$allcropssql = "SELECT * FROM FarmItem WHERE IsApproved = '1' AND (Type = 'FRUIT' OR Type =
'NUT')";

$animalresult = mysqli_query($db, "SELECT * FROM Has WHERE PropertyID = '" . $foundproperty['ID'] . "
'" AND ItemName IN (SELECT Name FROM FarmItem WHERE Type = 'ANIMAL')");

```