# Agriculture Management System – Tables with Data Types

## Users :

| Column Name | Data Type |
|---|---|
| UserID | INT (PK, Identity) |
| RoleID | INT (FK) |
| Name | VARCHAR(100) |
| Email | VARCHAR(150) |
| PasswordHash | VARCHAR(255) |
| Phone | VARCHAR(15) |
| Address | VARCHAR(255) |
| CreatedAt | DATETIME |

## Roles :

| Column Name | Data Type |
|---|---|
| RoleID | INT (PK, Identity) |
| RoleName | VARCHAR(50) |

## Farmers :

| Column Name | Data Type |
|---|---|
| FarmerID | INT (PK, Identity) |
| UserID | INT (FK) |
| ExperienceYears | INT |
| FarmSize | DECIMAL(10,2) |

## Products :

| Column Name | Column Name |
|---|---|
| Data Type | Data Type |
| ProductID | ProductID |
| INT (PK, Identity) | INT (PK, Identity) |
| ProductName | ProductName |
| VARCHAR(100) | VARCHAR(100) |

## Categories :

| Column Name | Data Type |
|---|---|
| CategoryID | INT (PK, Identity) |
| CategoryName | VARCHAR(100) |

## OrderDetails :

| Column Name | Data Type |
|---|---|
| OrderDetailID | INT (PK, Identity) |
| OrderID | INT (FK) |
| ProductID | INT (FK) |
| Quantity | INT |
| Price | DECIMAL(10,2) |

## Country :

| Column Name | Data Type |
|---|---|
| CountryID | INT (PK, Identity) |
| CountryName | VARCHAR(100) |

## State :

| Column Name | Data Type |
| --- | --- |
| StateID | INT (PK, Identity) |
| CountryID | INT (FK) |
| StateName | VARCHAR(100) |

## City :

| Column Name | Data Type |
| --- | --- |
| CityID | INT (PK, Identity) |
| StateID | INT (FK) |
| CityName | VARCHAR(100) |

## Inventory :

| Column Name | Data Type |
| --- | --- |
| InventoryID | INT (PK, Identity) |
| ProductID | INT (FK) |
| QuantityAvailable | INT |
| LastUpdated | DATETIME |