**GREEN VALLEY**

**Table design**

Submitted to, Submitted by

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**TABLE DESIGN**

**Table no: 1**

**Table: tbl\_Login**

**Primary Key :User\_iD**

**Table Description: To store All user Login Details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | User\_id | Int(8) AI | Primary key to identify each user in the table |
| 2 | Password | Varchar(50) | Password of each users |
| 3 | Usertype | Var char(50 | 0,1 for admin and user |
| 4 | Status | Int(8) | Status of each user |

**Admin**

**Table no: 2**

**Table: tbl\_Crops**

**Primary Key :Crop\_id**

**Table Description: To store All crop Details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Crop\_id | Int(8) | Primary key to identify each crop in the table |
| 2 | Crop\_name | Vachar(50) | Name of the crop |
| 3 | Village | vachar(50) | Name of the village |
| 4 | District | vachar(50) | Name of the district |
| 5 | Season | vachar(50) | Suitable season for the crop |
| 6 | Climate | vachar(50) | Climate of the crop |
| 7 | Soil\_type | vachar(50) | Soil type for the crop |

**Table no: 3**

**Table: tbl\_States**

**Primary Key :State\_id**

**Table Description: To store All States**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | State\_id | Int(8) | Primary key to identify each state |
| 2 | State\_name | Vachar(50) | Name of the state |

**Table no: 4**

**Table: tbl\_Districts**

**Primary Key :Dist\_id**

**Foreign Key: State\_id**

**Table Description: To store All Districts**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Dist\_id | Int(8) | Primary key to identify each district |
| 2 | State\_id | Int(8) | FK to refer State\_id from table tbl\_states |
| 3 | Dist\_name | Varchar(50) | Name of the district |

**Table no: 5**

**Table: tbl\_Village**

**Primary Key :Village\_id**

**Foreign Key: Dist\_id**

**Table Description: To store All Villages**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Village\_id | Int(8) | Primary key to identify each village |
| 2 | Dist\_id | Int(8) | FK to refer Dist\_idfrom table tbl\_Districts |
| 3 | Village\_name | Varchar(50) | Name of the village |

**Table no: 6**

**Table: tbl\_Notificatio**

**Primary Key :Not\_id**

**Table Description: To store Notifications**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Not\_id | Int(8) | Primary key to identify notifications |
| 2 | Notification | Varchar(100) | To store notifications |
| 3 | Date | Varchar(50) | Date of the notifications |

**Table no: 7**

**Table: tbl\_FarmTips**

**Primary Key :Farmtip\_id**

**Foreign key:Crop\_id,User\_id**

**Table Description: To store farming tips**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Farmtip\_id | Int(8) | Primary key to identify each farming tip |
| 2 | Farming\_detail | Varchar(100) | To store farming details |
| 3 | Crop\_id | Int(8) | FK to refer Crop\_id from tbl\_Crops |
| 4 | User\_id | Int(8) | FK to refer User\_id from tbl\_login |
| 5 | Approved | Varchar(50) | Approved or not |

**Table no: 8**

**Table: tbl\_Bank**

**Primary Key :Bank\_id**

**Foreign key:User\_id**

**Table Description: To store Bank details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Bank\_id | Int(8) | Primary key to identify each bank |
| 2 | Bank\_name | Varchar(100) | Name of the bank |
| 3 | Branch | Varchar(100) | Name of the branch |
| 4 | User\_id | Int(8) | Foreign key to refer User\_id from tbl\_login |

**USER**

**Table no: 9**

**Table: tbl\_UserReg**

**Primary Key :Reg\_id**

**Foreign key:User\_id**

**Table Description: To store User details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Reg\_id | Int(8) | Primary key to identify each User |
| 2 | User\_id | Varchar(50) | Foreign key to refer User\_id from tbl\_login |
| 3 | Fname | Varchar(50) | First name of the user |
| 4 | Lname | Varchar(50) | Last name of the user |
| 5 | House\_name | Varchar(50) | House name of the user |
| 6 | Place | Varchar(50) | Place of the user |
| 7 | State | Varchar(50) | State of the user |
| 8 | District | Varchar(50) | District of the user |
| 9 | Village | Varchar(50) | Village of the user |
| 10 | Phno | Varchar(50) | User Phone no |
| 11 | Photo | Varchar(50) | To store the photo file name |

**Table no: 10**

**Table: tbl\_LandReg**

**Primary Key :Land\_id**

**Foreign key:User\_id**

**Table Description: To store Land details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Land\_id | Int(8) | Primary key to identify each Land |
| 2 | User\_id | Int(8) | Foreign key to refer User\_id from tbl\_login |
| 3 | Place | Varchar(50) | Place of the land |
| 4 | District | Varchar(50) | Districtof the land |
| 5 | Village | Varchar(50) | Village of the land |
| 6 | Area | Varchar(50) | Area of the land |
| 7 | Water\_source | Varchar(50) | Available water resources |
| 8 | Soil\_type | Varchar(50) | Type of soil |
| 9 | Crop\_id | Int(8) | Foreign key to refer Crop\_id from tbl\_Crop |
| 10 | Amount | Varchar(50) | Amount per year |
| 11 | years | Varchar(50) | Number of years |

**Table no: 11**

**Table: tbl\_Booking**

**Primary Key :Booking\_id**

**Foreign key:User\_id**

**Table Description: To store Booking details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Booking\_id | Int(8) | Primary key to identify Booking |
| 2 | User\_id | Int(8) | Foreign key to refer User\_id from tbl\_login |
| 3 | Date | Varchar(50) | Date of the booking |
| 4 | Status | Int(8) | Status of the booking |
| 5 | Land\_id | Int(8) | Foreign key to refer Land\_id from tbl\_LandReg |

**Table no: 12**

**Table: tbl\_Payment**

**Primary Key :Payment\_id**

**Foreign key:Bank\_id**

**Table Description: To store payment details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Payment\_id | Int(8) | Primary key to identify Booking |
| 2 | Payment\_date | Varchar(50) | Date of the payment |
| 3 | Amount | varchar(50) | Payment amount |
| 4 | Card\_type | varchar(50) | Type of the card |
| 5 | User\_Name1 | varchar(50) | Name of the farmer |
| 6 | User\_Name | varchar(50) | Name of the Land owner |
| 7 | Bank\_id | Int(8) | Foreign key to refer Bank\_id from tbl\_Bank |

**Table no: 13**

**Table: tbl\_Document**

**Primary Key :Document\_id**

**Foreign key:Land\_id,User\_id**

**Table Description: To store document details**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no | Field Name | Data type | Description |
| 1 | Document\_id | Int(8) | Primary key to identify Document |
| 2 | Land\_id | Int(8) | Foreign key to refer Land\_id from tbl\_Bank |
| 3 | User\_id | Int(8) | Foreign key to refer User\_id from tbl\_Login |
| 4 | Document | Varchar(200) | To store documents |