**TABLE DESIGN**

**Database: kissankeraladb**

**1. Table Name: tbl\_Login**

**Primary Key: Login\_Id**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Log\_Id | Integer | 10 | Primary Key |
| Username | Varchar | 20 | Username |
| Password | Varchar | 20 | User Password |
| Status | Integer | 1 | Status |

1. **Table Name: tbl\_Farmer**

**Primary Key: Farmer\_id**

**Foreign Key:Log\_Id(tbl\_Login),District\_Id(tbl\_district),** **Ward\_Id(tbl\_Ward)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Farmer\_Id | Integer | 10 | Primary Key |
| Log\_Id | Integer | 10 | Foreign Key |
| First\_name | Varchar | 20 | Farmer First Name |
| Last\_name | Varchar | 20 | Farmer Last Name |
| Gender | Varchar | 15 | Gender of user |
| Adhar\_no | Varchar | 20 | Farmer Aadhar No |
| Dob | Date |  | Farmer DOB |
| House\_ name | Varchar | 30 | House Name |
| District\_Id | Varchar | 20 | District Name (Foreign Key) |
| City | Varchar | 20 | City Name |
| Phone | Integer | 15 | Phone Number |
| Area\_Land | Varchar | 10 | Total area of land |
| Panchayath | Varchar | 20 | Panchayath of user |
| Survey\_No | varchar | 20 | Land survey number |
| Marital\_Status | varchar | 15 | User Married or not |
| Ward\_Id | varchar | 20 | User ward(foreign key) |
| Krishibhavan | varchar | 20 | Name of krishibhavan |
| Status | Integer | 2 | Status |

1. **Table Name: tbl\_officer**

**Primary Key: Officer\_Id**

**Foreign Key:Log\_Id(tbl\_Login)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Officer\_Id | Integer | 10 | Primary Key |
| Log\_Id | Integer | 10 | Foreign Key |
| Name | Varchar | 20 | Officer Name |
| Address | Varchar | 20 | Officer address |
| Adhar\_no | Varchar | 20 | officer Aadhar No |
| Dob | Date |  | Farmer DOB |
| Gender | Varchar | 20 | Gender |
| Phone | Integer | 15 | Phone Number |
| Aprove | integer | 2 | Indicate approval of admin |
| Status | Integer | 1 | Status |

1. **Table Name: tbl\_Product**

**Primary Key: Product\_Id**

**Foreign Key: Farmer\_id (tbl\_register) ,** **Category\_Id(tbl\_productcategory)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Product\_Id | Integer | 10 | Primary Key |
| Farmer\_id | Integer | 10 | Foreign Key |
| Category\_Id | Varchar | 20 | Product category Name |
| Quantity | Varchar | 30 | Quantity Of sale item |
| Price | Float | 5 | Item price |
| Location | Varchar | 20 | Item Location |
| Phone | Varchar | 15 | Phone Number |
| Path | Varchar | 100 | Product Picture Path |
| Status | Integer | 1 | Status |

1. **Table Name: tbl\_Cart**

**Primary Key: Cart\_Id**

**Foreign Key: Product\_Id (tbl\_Product)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Cart\_Id | Integer | 10 | Primary Key |
| Product\_Id | Integer | 10 | Foreign Key |
| Quantity | Varchar | 30 | Quantity Of products |
| Price | Float | 5 | Item price |
| Cart\_date | Date |  | Carting date |
| Price | Varchar | 10 | Cart products price |
| Status | Integer | 1 | Status |

1. **Table Name: tbl\_Purchase**

**Primary Key: Purchase\_Id**

**Foreign Key: Cart\_Id (tbl\_Cart)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Purchase\_Id | Integer | 10 | Primary Key |
| Cart\_Id | Integer | 10 | Foreign Key |
| Cust\_Name | Varchar | 30 | Name of customer |
| Address | Float | 5 | Delivery Address |
| Cart\_date | Date |  | Carting date |
| Price | Varchar | 10 | Cart products price |
| Status | Integer | 1 | Status |

**7 . Table Name: tbl\_exhibition**

**Primary Key: exid**

**Foreign Key: District\_Id(tbl\_district)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| exid | Integer | 10 | Primary Key |
| Title | Varchar | 20 | Exhibition Title |
| District\_Id | Varchar | 30 | Exhibition Location |
| Venue | Varchar | 30 | Exhibition Place |
| Date | Date |  | Exhibition Date |
| Time | Time |  | Exhibition Time |
| Phone | varchar | 15 | Phone Number |
| Status | Integer | 1 | Status |

**8. Table Name: tbl\_district**

**Primary Key:** **District\_Id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** |  | **DESCRIPTION** |
| District\_Id | Integer |  | 10 | Primary Key |
| dname | Varchar |  | 30 | District Name |
| Status | Integer |  | 1 | Status |

**9. Table Name: tbl\_news Primary Key: newsid**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** |  | **DESCRIPTION** |
| newsid | Integer |  | 10 | Primary Key |
| title | Varchar |  | 100 | News title |
| date | Date |  |  | Date of news |
| path | Varchar |  | 100 | News pics path |
| Status | Integer |  | 1 | Status |

**10. Table Name: tbl\_video**

### Primary Key: Video\_Id

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Video\_Id | Integer | 10 | Primary Key |
| path | Varchar | 100 | Video path |
| title | Varchar | 100 | Video title |
| description | Varchar | 500 | Video description |
| status | Integer | 1 | Status |
| adminstatus | Integer | 1 | Video aproval |

**11 .Table Name: tbl\_gallery**

**Primary Key: Img\_Id**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** |  | **DESCRIPTION** |
| Img\_Id | Integer |  | 10 | Primary Key |
| date | Date |  |  | System date |
| path | Varchar |  | 100 | Image path |
| status | Integer |  | 1 | Status |

**12. Table Name: tbl\_productcategory**

**Primary Key: Category\_Id**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Category\_Id | Integer | 10 | Primary Key |
| name | varchar | 100 | Category name |
| status | Integer | 1 | Status |

**13. Table Name: tbl\_Questions**

**Primary Key: Ques\_Id**

**Foreign Key: Farmer\_Id (tbl\_Farmers)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Ques\_Id | Integer | 10 | Primary Key |
| Farmer\_Id | Integer | 10 | Foriegn Key |
| Question | varchar | 100 | Doubts/Questions |
| status | Integer | 1 | Status |

**14. Table Name: tbl\_Answers**

**Primary Key: Answ\_Id**

**Foreign Key: Ques\_Id (tbl\_Questions)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Answ\_Id | Integer | 10 | Primary Key |
| Ques\_Id | Integer | 10 | Foriegn Key |
| Answer | varchar | 100 | Answer for the question |
| status | Integer | 1 | Status |

**15. Table Name: tbl\_Schemes**

**Primary Key: Scheme\_Id**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Scheme\_Id | Integer | 10 | Primary Key |
| Scheme\_Name | Varchar | 50 | Name of the scheme |
| Description | varchar | 100 | Scheme description |
| status | Integer | 1 | Status |

**16. Table Name: tbl\_Schemeapply**

**Primary Key: Aplication\_Id**

**Foreign Key: Farmer\_Id (tbl\_Farmers),** **Scheme\_Id(tbl\_Schemes)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Aplication\_Id | Integer | 10 | Primary Key |
| Farmer\_Id | Integer | 10 | Foriegn Key |
| Scheme\_Id | Integer | 10 | Foriegn Key |
| Agri\_Land | double |  | Agricultural land area |
| Survey\_No | varchar | 20 | Agricultural land survey number |
| Leased | varchar | 20 | Whether land is leased or not |
| Bankname | varchar | 20 | Name of the bank |
| Branch | varchar | 20 | Name of the branch |
| Account\_No | varchar | 20 | Bank Account number |
| Land\_cost | varchar | 20 | Land preparation cost |
| Labour | varchar | 20 | Labour charge |
| Fertilizer | varchar | 20 | Fertilizer Cost |
| Seed | varchar | 20 | Seed Cost |
| Date | Date |  | Scheme apply date |
| status | Integer | 1 | Status |

**17. Table Name: tbl\_Applicationstatus**

**Primary Key: Status\_Id**

**Foreign Key: Aplication\_Id (tbl\_Schemeapply)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Status\_Id | Integer | 10 | Primary Key |
| Aplication\_Id | Integer | 10 | Foriegn Key |
| Action | varchar | 100 | Application action |
| status | Integer | 1 | Status |

**18. Table Name: tbl\_Machinebooking**

**Primary Key: Book\_Id**

**Foreign Key: Farmer\_Id (tbl\_Farmers),** **Machine\_Id(tbl\_Machines)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Mbook\_Id | Integer | 10 | Primary Key |
| Farmer\_Id | Integer | 10 | Foriegn Key |
| Machine\_Id | Integer | 10 | Foriegn Key |
| Area | varchar | 30 | Area of agricultural land |
| BookDate | Date |  | Machine delivery date |
| Fromtime | Time |  | Machine delivery time |
| Totime | Time |  | Machine return time |
| status | Integer | 1 | Status |

**19. Table Name: tbl\_Machinecategory**

**Primary Key: Category\_Id**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Category\_Id | Integer | 10 | Primary Key |
| Cat\_Name | varchar | 10 | Machine name |
| status | Integer | 1 | Status |

**20. Table Name: tbl\_Machinestock**

**Primary Key: Machine\_Id**

**Foreign Key: Category\_Id (tbl\_Machinecategory)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Machine\_Id | Integer | 10 | Primary Key |
| Category\_Id | Integer | 10 | Foreign Key |
| Machine\_Name | varchar | 10 | Machine name |
| Fuel | varchar | 10 | Fuel type |
| Cost | varchar | 10 | Cost per hour |
| status | Integer | 1 | Status |

**21. Table Name: tbl\_Insurance**

**Primary Key: Insurance\_Id**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Insurance\_Id | Integer | 10 | Primary Key |
| Name | varchar | 10 | Insurance name |
| Description | varchar | 20 | Insurance Description |
| status | Integer | 1 | Status |

**22. Table Name: tbl\_Insurancereg**

**Primary Key: Reg\_Id**

**Foreign Key: Insurance\_Id (tbl\_Insurance),** **Farmer\_Id(tbl\_Farmers),** **Crop\_Id(tbl\_crops)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Reg\_Id | Integer | 10 | Primary Key |
| Farmer\_Id | Integer | 10 | Foriegn Key |
| Insurance\_Id | Integer | 10 | Foriegn Key |
| Agri\_Land | double |  | Agricultural land area |
| Survey\_No | varchar | 20 | Agricultural land survey number |
| Leased | varchar | 20 | Whether land is leased or not |
| Crop\_Id | Integer | 10 | Foreign Key |
| Amount | varchar | 20 | Preminum Amount |
| challan | varchar | 20 | Preminum Amount Challan number |
| Date | Date |  | Date of challan |
| Duration | varchar | 15 | Insurance period |
| Bank | varchar | 20 | Name of the bank |
| Branch | varchar | 20 | Name of the branch |
| Account\_No | varchar | 20 | Bank Account number |
| status | Integer | 1 | Status |

**23. Table Name: tbl\_Crops**

**Primary Key: Crop\_Id**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Crop\_Id | Integer | 10 | Primary Key |
| Farmer\_Id | Integer | 10 | Foriegn Key |
| Name | varchar | 10 | Crop name |
| area | varchar | 20 | Area of agricultural |
| level | varchar | 20 | Crops current level |
| status | Integer | 1 | Status |

**24. Table Name: tbl\_Applyinsure**

**Primary Key: Insurapply\_Id**

**Foreign Key: Reg\_Id (tbl\_Insurancereg)**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **DATA** **TYPE** | **SIZE** | **DESCRIPTION** |
| Insurapply\_Id | Integer | 10 | Primary Key |
| Reg\_Id | Integer | 10 | Foriegn Key |
| Date | Date |  | Date of destroy |
| Nature | varchar | 20 | Nature of agricultural destroy |
| Number | integer | 10 | No of crops destroyed |
| Pic1 | varchar | 100 | Picture path |
| Pic2 | varchar | 100 | Picture path |
| Pic3 | varchar | 100 | Picture path |
| Aproval | Integer | 2 | Offcer aproval |
| status | Integer | 1 | Status |