**Table Design for TESI Management System**

**1.Tbl\_login**

Primary key:l\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| l\_id | int | 5 | Login\_id |
| username | varchar | 15 | username |
| password | varchar | 10 | password |
| role | int | 5 | Role to the society |
| l\_status | int | 5 | Login status |

**2.tbl\_institution**

Primary key:inst\_id

Foreign key:l\_id,add\_id,m\_id,course\_id,m\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| Inst\_id | int | 5 | Institute id |
| l\_id | int | 5 | Login id |
| Course\_id | int | 5 | Course id |
| add\_id | int | 5 | Address id |
| m\_id | int | 10 | Manager id |
| Inst\_name | varchar | 20 | Institute name |
| Inst\_est | int | 10 | Institute established year |
| Inst\_recg | varchar | 10 | Institute recognition |
| Inst\_afln | varchar | 10 | Institute affiliation |
| Inst\_tstudent | int | 10 | Total number of student in institution |
| Inst\_staff | int | 10 | Institute staff |
| Inst\_nstaff | int | 7 | Institute nonstaff |
| Inst\_expn | varchar | 8 | Institute explanation |
| Tesi\_memno | int | 10 | Tesi member number |
| Inst\_status | int | 5 | Institute status |

**3.tbl\_district**

Primary key:dis\_id

Foreign key:state\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| dis\_id | int | 5 | District id |
| state\_id | int | 5 | State id |
| dis\_name | varchar | 10 | District name |
| dis\_status | int | 5 | District status |

**4.tbl\_state**

Primary key:state\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| State\_id | int | 5 | State id |
| S\_name | varchar | 10 | State name |
| S\_status | int | 5 | State status |

**5.tbl\_manager**

Primary key:m\_id

Foreign key:inst\_id,add\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| m\_id | int | 5 | Manager id |
| Inst\_id | int | 5 | Institute id |
| Add\_id | int | 5 | Address id |
| M\_name | varchar | 10 | Manager name |
| M\_phone | int | 15 | Manager phone number |
| M\_email | int | 20 | Manager email |
| M\_status | int | 5 | Manager status |

**6.tbl\_address**

Primary key:add\_id

Foreign id:dist\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| add\_id | int | 5 | Address id |
| Dist\_id | int | 5 | District id |
| h\_name | varchar | 10 | House name |
| Strt1 | varchar | 10 | Street1 |
| Strt2 | varchar | 10 | Street2 |
| Pin | int | 5 | Pin number |
| role | int | 5 | Role to the society |
| addstatus | int | 5 | Address status |

**7.tbl\_maincoursetype**

Primary key:mc\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| mc\_id | int | 5 | Main course id |
| course\_type | varchar | 10 | Type of course |
| mc\_status | int | 5 | Main course status |

**8.tbl\_category**

Primary key:cat\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| cat\_id | int | 5 | Category id |
| cat\_name | Varchar | 10 | Category name |
| cat\_status | int | 10 | Category status |

**9.tbl\_course**

Primary key:course\_id

Foreign key:cat\_id,mc\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| couse\_id | int | 5 | Course id |
| cat\_id | int | 5 | Category id |
| mc\_id | int | 5 | Main course id |
| c\_name | varchar | 10 | Course name |
| c\_duration | int | 5 | Couse duration |
| c\_status | int | 5 | Course status |

**10.tbl\_subject**

Primary key:s\_id

Foreign key:cat\_id,mc\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| s\_id | int | 5 | Subject id |
| cat\_id | int | 5 | Category id |
| mc\_id | int | 5 | Main course id |
| sub\_code | int | 10 | Subject code |
| sub\_name | varchar | 10 | Subject name |
| min\_mark | int | 10 | Minimum mark |
| max\_mark | int | 10 | Minimum mark |
| syllabus | varchar | 20 | Exam syllabus |
| s\_status | int | 5 | Subject status |

**11.tbl\_mark**

Primary key:mark\_id

Foreign key:studinfo\_id,mem\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| Mark\_id | int | 8 | Mark id |
| Studinfo\_id | int | 10 | Student information id |
| Mem\_id | int | 10 | Tesi member id |
| Mark | int | 20 | Marks |
| Mrk\_status | int | 10 | Mark status |

**12.tbl\_exam**

Primary key:exm\_id

Foreign key:inst\_id,course\_id,mem\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| Exm\_id | int | 5 | Exam id |
| Inst\_id | int | 5 | Institute id |
| Course\_id | int | 5 | Course id |
| Mem\_id | int | 5 | Tesi member id |
| Exm\_centre | Varchar | 20 | Exam centre |
| Exm date | date |  | Exam date |
| Exm status | int | 5 | Exam status |

**13.tbl\_examdetails**

Primary key:formcid

Foreighn key:inst\_id,studinfo\_id,exm\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| formcid | int | 5 | Formcid |
| Inst\_id | int | 5 | Institute id |
| Studinfo\_id | int | 10 | Student information id |
| Exm\_id | int | 5 | Exam id |
| exmfee | float | 10 | Examfees |
| fremark | varchar | 10 | Formcremark |
| fstatus | int | 5 | Formc status |

**14.tbl\_studinfo**

Primary key:studinfo\_id

Foreighn key:course\_id,add\_id,inst\_id,l\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| Studinfo\_id | int | 5 | Student information id |
| Course\_id | int | 5 | Course id |
| Add\_id | int | 5 | Address id |
| inst\_id | int | 5 | Institute id |
| l\_id | int | 5 | Login id |
| Stud\_name | varchar | 20 | Student name |
| Stud\_dob | date |  | Student dob |
| Stud\_age | int | 10 | Student age |
| Stud\_sex | varchar | 10 | Student sex |
| Stud\_regno | int | 10 | Student registration number |
| Stud\_qual | varchar | 10 | Student qualification |
| Stud\_sig | varchar | 20 | Student signature |
| Stud\_photo | varchar | 20 | Student photo |
| S\_studinfo | int | 20 | Status studentinformation |

**15.tbl\_attendance**

Primary key:att\_id

Foreign key:studinfo\_id,inst\_id,s\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| Att\_id | int | 7 | Attendance id |
| Studinfo\_id | int | 5 | Student information id |
| Inst id | int | 5 | Institute id |
| S\_id | int | 5 | Subject id |
| date | date | 10 | Date |
| S\_att | int | 10 | Status attendance |

**16.tbl\_tesimember**

Primary key:mem\_id

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | FIELD TYPE | SIZE | DESCRIPTION |
| Mem\_id | int | 5 | Member id |
| name | varchar | 20 | Member name |
| role | int | 5 | Role to the society |
| sig | varchar | 20 | Signature |
| dob | date | 10 | Date of birth |
| photo | varchar | 20 | Photo of member |
| email | varchar | 20 | Email address |
| phno | int | 20 | Phone number |
| Mem\_status | int | 5 | Member status |