Database Design

**tbladmin**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| AdminID | Int | Primary key | Admin identity |
| Username | Varchar(30) | Not null | User name |
| Password | Varchar(30) | Not null | Password |
| emailID | Varchar(50) | Not null | Email id |
| Contact | Int | Not null | Contact no |
| Profilepic | Varchar(300) | Not null | image |

**tblstate**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| StateID | Int | Primary key | State id |
| Statename | Varchar(30) | Not null | States |

tblcity

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| CityID | Int | Primary key | City identity |
| Cityname | Varchar(20) | Not null | Name |
| stateID | Int | Foreign key | State identity |

tblinstitute

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| Ins\_ID | Int | Primary key | Institute identity |
| Email | Varchar(50) | Not null | Email id |
| Ins\_name | Varchar(30) | Not null | Institute name |
| userID | Int | Foreign key | User identity |
| Website | Varchar(100) | Not null | Website |
| Desc | Varchar(200) | Not null | Description |
| Coverpic | Varchar(500) | Not null | Image |
| Gmurl | Varchar(200) | Not null | Googlemap url |
| FBlink | Varchar(200) | Not null | Facebooklink |
| InstaLink | Varchar(200) | Not null | Instagram link |
| Twitink | Varchar(200) | Not null | Twitter link |
| Linkedinlink | Varchar(200) | Not null | Linkedin link |
| Ytlink | Varchar(200) | Not null | Youtube link |
| cityID | Int | Foreign key | City identity |
| Address | Varchar(200) | Not null | Address |
| Contactno | Int | Not null | Contact number |
| Status | Varchar(100) | Not null | Status (dep) |
| Regdatetime | Date-time | Not null | Registration date-time |

**tblinstitueuser**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| insuserID | Int | Primary key | Institute user id |
| Ins\_id | Int | Foreign key | Institute id |
| Username | Varchar(30) | Not null | username |
| Password | Varchar(30) | Not null | Password |
| Email | Varchar(50) | Not null | Email id |
| Mono | Int | Not null | Mobile number |
| Profilepic | Varchar(300) | Not null | Image |
| Desc | Varchar(300) | Not null | Description |
| Fullname | Varchar(30) | Not null | Name |
| Addeddate | Date | Not null | Date |
| Level | Int | Not null | 0-super User,1-Faculty,2-admin |

**tblStudent**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| StudentID | Int | Primary key | Student identity |
| FullName | Varchar(30) | Not null | Student name |
| Username | Varchar(30) | Not null | Username |
| Password | Varchar(30) | Not null | Password |
| EmailID | Varchar(50) | Not null | Email id |
| MobileNumber | Int | Not null | Contact no |
| CityID | Int | Foreign key | City Identity |
| ProfilePic | Varchar(300) | Not null | Image |
| Bio | Varchar(100) | Not null | bio description |
| RegDateTime | Varchar(30) | Not null | Timing |

**tblClass**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| ClassID | Int | Primary key | Class identity |
| InstituteID | Int | Foreign key | Institute Identity |
| Title | Varchar(30) | Not null | Title name |
| Status | Varchar(30) | Not null | status |
| CreatedDt | Varchar(50) | Not null | Created dt |
| Description | Varchar(100) | Not null | Description |
| ClassImage | Varchar(300) | Not null | City Identity |
| ClassLink | Varchar(300) | Not null | link of class |
| ClassCode | Varchar(30) | Not null | Code of the class |

**tblClassUser**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| ClassUserID | Int | Primary key | Class user identity |
| ClassID | Int | Foreign key | class identity |
| InstituteUserID | Int | Foreign key | institute user identity |

**tblClassStudents**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| ClassStudent ID | Int | Primary key | Class user identity |
| ClassID | Int | Foreign key | class identity |
| StudentID | Int | Foreign key | student identity |
| Status | Int | not null | 0-it is in class  1-just remove from the class |
| Added By | Int | not null | 0-added by owner  1-added by link/search/etc. |

**tblClassRequest**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| ClassRequestID | Int | Primary key | Class request identity |
| ClassID | Int | Foreign key | class identity |
| UserID | Int | Foreign key | user identity |
| CreateDt | Varchar(50) | not null | create dt |
| Status | Int | not null | 0-it is in class  1-just remove from the class |

**tblResource**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| ResourceID | Int | Primary key | Class request identity |
| ClassID | Int | Foreign key | class identity |
| InstituteUserID | Int | Foreign key | user identity |
| Resource Type | Int | not null | 0-video,1-Doc,3-pdf,4-excel,5-Other,6-Annoucment,7,8,9-Future |
| Resource Title | Varchar(30) | not null | Title of resource |
| Resource Description | Varchar(50) | not null | resource description |
| Resource Url | Varchar(50) | not null | resource url |

**tblResourceAccess**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| Resource AccessID | Int | Primary key | resource access identity |
| ResourceID | Int | Foreign key | resource identity |
| StudentID | Int | Foreign key | student identity |

**tblResourceView**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| ResourceViewID | Int | Primary key | resource view identity |
| ResourceID | Int | Foreign key | resource identity |
| StudentID | Int | Foreign key | student identity |
| DateTime | varchar(30) | not null | time |

**tblQuestion**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| QuetionID | Int | Primary key | Question identity |
| ClassID | Int | Foreign key | class identity |
| StudentID | Int | Foreign key | student identity |
| Question | varchar(30) | not null | questions |
| Status | int | not null | 0-it is in class  1-just remove from the class |
| CreateDt | Varchar(50) | not null | create dt |
| Answer | Varchar(50) | not null | answers of questions |
| InstituteUserID | int | Foreign key | institute user identity |

**tblQuestionStudentPost**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Data Type** | **Constraint** | **Description** |
| **QuestionStudentPostID** | Int | Primary key | Class user identity |
| QuestionID | Int | Foreign key | class identity |
| Message | varchar(30) | not null | messages |
| CreatedDT | varchar(30) | not null | create dt |
| StudentID | Int | Foreign key | student identity |
| Status | int | not null | 0-it is in class  1-just remove from the class |