**Institutes**: #

Institute\_id, Inst\_name, address, city\_id, contact, about\_us, email, password, status\_id

**Institute\_categories: #**

Institute\_category\_id, institute\_id, category\_id

**Institute\_pics: #**

Institute\_pic\_id, institute\_id, pic\_path, details

**Courses:**

Course\_id, Course\_name, course\_details, category\_id

**topics:**

topic\_id, topic\_name, course\_id

**Categories:**

Category\_id, category\_name

**Institute\_courses:**

Institute\_course\_id, institute\_id, course\_id

**Institute\_course\_batches**:

Institute\_course\_batch\_id, institute\_course\_id, batch\_name, fees

**Institute\_course\_batche\_timings:**

Institute\_course\_batche\_timing\_id, Institute\_course\_batche\_id, start\_time, end\_time, status\_id, start\_date, end\_date, fees

**Institute\_course\_batche\_timing\_students**:

Institute\_course\_batche\_timing\_students\_id, Institute\_course\_batche\_timing\_id, student\_id, fees\_due

**Institute\_course\_batche\_timing\_days:**

Institute\_course\_batche\_timing\_day\_id, Institute\_course\_batche\_timing\_id, day\_id

**Days:**

Day\_id, day

**Students:**

Student\_id, student\_name, address, city\_id, contact, email, password, status\_id, dob, gender

**Student\_fees:**

Student\_fees\_id, institute\_course\_batch\_timing\_student\_id, fees\_amount, fees\_date, payment\_mode, transaction\_id, transaction\_status

**States:**

State\_id, state\_name

**Cities:**

City\_id, city\_name, state\_id

**Status:**

Status\_id, status

**Faculties:**

Faculty\_id, faculty\_name, address, contact, city\_id, email, password, salary, experience, dob, gender, status\_id

**Faculty\_courses:**

Faculty\_course\_id, faculty\_id, course\_id

**institute\_course\_batch\_timing\_faculties:**

institute\_course\_batch\_timing\_faculties\_id, institute\_course\_batch\_timing\_id, faculty\_id

**institute\_course\_syllabus\_topics:**

institute\_course\_syllabus\_topic\_id, institute\_course\_id, topic\_id

users:

user\_id, user\_name, email, password, address, city\_id, contact, dob, gender

**Tables:**

Institutes:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_id | Int | Y | - | PK |
| Institute\_name | Varchar(60) | Y | - | - |
| Address | Varchar(500) | Y | - | - |
| City\_id | Int | Y | - | FK |
| Status\_id | Int | Y | 1 | FK |
| Email | Varchar(60) | Y | - | unique |
| Contact | Varchar(20) | Y | - | Unique |
| Password | Varchar(100) | Y | - | - |
| About\_us | Varchar(5000) | Y | - | - |
|  |  |  |  |  |

states

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| state\_id | Int | Y | - | PK |
| state\_name | Varchar(60) | Y | - | - |

cities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| city\_id | Int | Y | - | PK |
| city\_name | Varchar(60) | Y | - | - |
| State\_id | Int | Y | - | FK |

status

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| status\_id | Int | Y | - | PK |
| Status | Varchar(15) | Y | - | - |

Days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| day\_id | Int | Y | - | PK |
| Day | Varchar(12) | - | - | - |

Categories

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| category\_id | Int | Y | - | PK |
| category | Varchar(25) | Y | - | - |

Courses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| course\_id | Int | Y | - | PK |
| Course\_name | Varchar(45) | Y | - | - |
| Course\_details | Varchar(5000) | Y | - | - |
| Category\_id | Int | Y | - | FK |

Topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| topic\_id | Int | Y | - | PK |
| topic\_name | Varchar(35) | Y | - | - |
| Course\_id | Int | Y | - | FK |

Institute\_courses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_id | Int | Y | - | PK |
| Institute\_id | Int | Y | - | FK |
| Course\_id | Int | Y | - | FK |

Institute\_course\_batches

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_batch\_id | Int | Y | - | PK |
| Institute\_course\_id | Int | Y | - | FK |
| Batch\_name | Varchar(25) | Y | - | - |
| Fees | Int | Y | - | - |

Institute\_categories

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_category\_id | Int | Y | - | PK |
| Institute\_id | Int | Y | - | FK |
| Category\_id | Int | Y | - | FK |

Institute\_pics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_pic\_id | Int | Y | - | PK |
| Institute\_id | Int | Y | - | FK |
| Pic\_path | Varchar(120) | Y | - | - |
| Details | Varchar(500) | Y | - | - |

Institute\_course\_batche\_timings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_batch\_timing\_id | Int | Y | - | PK |
| Institute\_course\_batch\_id | Int | Y | - | FK |
| Start\_time | Time | Y | - | - |
| End\_time | Time | Y | - | - |
| Status\_id | Int | Y | - | FK |
| Start\_date | Date | Y | - | - |
| End\_date | Date | Y | - | - |
| Fees | Int | Y | - | - |

Institute\_course\_batche\_timing\_days

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_batch\_timing\_day\_id | Int | Y | - | PK |
| Institute\_course\_batch\_timing\_id | Int | Y | - | FK |
| Day\_id | Int | Y | - | FK |

Students

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Student\_id | Int | Y | - | PK |
| Student\_name | Varchar(30) | Y | - | - |
| Dob | Date | Y | - | - |
| Address | Varchar(500) | - | - | - |
| Contact | Varchar(20) | - | - | - |
| City\_id | Int | - | - | FK |
| Email | Varchar(60) | - | - | Unique |
| Password | Varchar(100) | - | - | - |
| Status\_id | Int | Y | - | FK |
| Gender | Varchar(1) | Y | - | - |

Institute\_course\_batche\_timing\_student

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_batch\_timing\_student\_id | Int | Y | - | PK |
| Institute\_course\_batch\_timing\_id | Int | Y | - | FK |
| student\_id | Int | Y | - | FK |
| Fees\_due | Int | Y | - | - |

Student\_fees

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Student\_fees\_id | Int | Y | - | PK |
| Institute\_course\_batch\_timing\_student\_id | Int | Y | - | FK |
| Fees\_amount | Int | Y | - | - |
| Fees\_date | Date | Y | - | - |
| Payment\_mode | Boolean | Y | - | - |
| Transactionid | Varchar(30) | - | - | - |
| Transaction\_status | Varchar(20) | - | - | - |

faculties

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| faculty\_id | Int | Y | - | PK |
| faculty\_name | Varchar(60) | Y | - | - |
| Address | Varchar(500) | Y | - | - |
| City\_id | Int | Y | - | FK |
| Contact | Varchar(20) | Y | - | - |
| Email | Varchar(60) | Y | - | Unique |
| Password | Varchar(100) | Y | - | - |
| Salary | Int | Y | - | - |
| Experience | Int | Y | - | - |
| Dob | Date | Y | - | - |
| Gender | Varchar(1) | Y | - | - |
| Status\_id | Int | Y | - | FK |

Faculty\_courses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Faculty\_course\_id | Int | Y | - | PK |
| Faculty\_id | Int | Y | - | FK |
| Course\_id | Int | Y | - | FK |

Institute\_course\_batch\_timing\_faculties

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_batch\_timing\_faculty \_id | Int | Y | - | PK |
| Institute\_course\_batch\_timing\_id | Int | Y | - | FK |
| Faculty\_id | Int | Y | - | FK |

Institute\_course\_syllabus\_topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Data Type** | **NOT NULL** | **Default** | **Constraint** |
| Institute\_course\_syllabus\_topic\_id | Int | Y | - | PK |
| Institute\_course\_id | Int | Y | - | FK |
| topic\_id | Int | Y | - | FK |

Payment\_mode: 1(cash), 2(online)