**TABLE DESIGN**

Table No:1

Table Name: tbl\_login

Table Description: Table is to store login details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | Log\_id | Int(10) | Login ID | Primary Key |
| 2 | U\_name | Varchar(50) | Username | Unique |
| 3 | Pass | Varchar(200) | Password |  |
| 4 | Role\_id | Int(10) | Type of user |  |
| 5 | Status | Int(10) | Availability of the user |  |

Table No:2

Table Name: tbl\_registration

Table Description: Table is to store registration details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No.** | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | R\_id | Int(10) | Registration ID | Primary Key |
| 2 | Name | Varchar(50) | Name of the user |  |
| 3 | Address | Varchar(200) | Address of the user |  |
| 4 | Phone | Varchsr(10) | Phone number of the user |  |
| 5 | Dob | Date | Date of birth |  |
| 6 | e-mail | Varchar(200) | e-mail ID of the user |  |
| 7 | Log\_id | Int(10) | Login ID | Foreign Key |
| 8 | Branch\_id | Int(10) | Branch | Foreign Key |

Table No:3

Table Name: tbl\_branch

Table Description: Table is to store branch details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | Branch\_id | Int(10) | Barnch ID | Primary Key |
| 2 | Branch | Varchar(50) | Branch Name | Unique |

Table No:4

Table Name: tbl\_type

Table Description: Table is to store type of users.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | Role\_id | Int(10) | Role ID | Primary Key |
| 2 | Type | Varchar(50) | Type of the user | Unique |

Table No:5

Table Name: tbl\_subjects

Table Description: Table is to store subject details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | Sub\_id | Int(10) | Subject ID | Primary Key |
| 2 | Sub\_name | Varchar(50) | Subject name |  |
| 3 | Branch\_id | Int(10) | Branch ID | Foreign Key |
| 4 | Sem\_id | Int(10) | Semester ID | Foreign Key |

Table No:6

Table Name: tbl\_sem

Table Description: Table is to store semester details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | Sem\_id | Int(10) | Semester ID | Primary Key |
| 2 | Sem | Varchar(50) | Semester name |  |
| 3 | Branch\_id | Int(10) | Branch ID | Foreign Key |

Table No:7

Table Name: tbl\_log

Table Description: Table is to stores log of login details.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | L\_id | Int(10) | Log ID | Primary Key |
| 2 | Log\_id | Int(10) | Login ID | Foreign Key |
| 3 | Date\_time | Datetime | Log time and daet |  |

Table No:8

Table Name: tbl\_notes

Table Description: Table is to store notes of various subjects.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | N\_id | Int(10) | Notes ID | Primary Key |
| 2 | Sem\_id | Int(10) | Semester ID | Foreign Key |
| 3 | Branch\_id | Int(10) | Bracnch ID | Foreign Key |
| 4 | Sub\_id | Int(10) | Subject ID | Foreign Key |
| 5 | Notes | Varchar(500) | Links to the file where notes are stored |  |

Table No:9

Table Name: tbl\_questions

Table Description: Table is to store question papers of various subjects.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | Q\_id | Int(10) | Question Paper ID | Primary Key |
| 2 | Q\_paper | Varchar(500) | Question papers(images) or link to the file where question papers are stored |  |
| 3 | Branch\_id | Int(10) | Branch ID | Foreign Key |
| 4 | Sem\_id | Int(10) | Semester ID | Foreign Key |
| 5 | Sub\_id | Int(10) | Subject ID | Foreign Key |

Table No:10

Table Name: tbl\_ans

Table Description: Table is to store answers solved to thequestion papers of various subjects.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | a\_id | Int(10) | Answer ID | Primary Key |
| 2 | Ans | Varchar(500) | Solved answers(images) or link to the file where answers are stored |  |
| 3 | Q\_id | Int(10) | Question Paper ID | Foreign Key |

Table No:11

Table Name: tbl\_message

Table Description: Table is to stores details of the chat.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | m\_id | Int(10) | Message ID | Primary Key |
| 2 | S\_id | Int(10) | Sender ID | Foreign Key |
| 3 | R\_id | Int(10) | Reciever ID | Foreign Key |
| 4 | Msg | Varchar(200) | Message |  |
| 5 | Time | Current Time Stamp | Time of the message send |  |
| 6 | Date | Date | Date of the message send |  |

Table No:12

Table Name: tbl\_books

Table Description: Table is to store the details of the books to be sell.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | B\_id | Int(10) | Book ID | Primary Key |
| 2 | B\_name | Varchar(500) | Name of the book |  |
| 3 | Amount | Int(10) | Amount of the book |  |
| 4 | Edition | Varchar(100) | Edition of the book |  |
| 5 | Author | Varchar(200) | Author of the book |  |
| 6 | Publication | Varchar(200) | Publisher |  |
| 7 | Image | Varchar(500) | Image of the book |  |
| 8 | Sub\_id | Int(10) | Subject ID | Foreign Key |
| 9 | Sem\_id | Int(10) | Semester ID | Foreign Key |
| 10 | Branch\_id | Int(10) | Branch ID | Foreign Key |
| 11 | Reg\_id | Int(10) | Register ID | Foreign Key |

Table No:13

Table Name: tbl\_transaction

Table Description: Table is to store the details about the transactions done through this site.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No**. | **Field Name** | **Datatypes** | **Description** | **Constraints** |
| 1 | t\_id | Int(10) | Transaction ID | Primary Key |
| 2 | From\_id | Int(10) | From ID | Foreign Key |
| 3 | To | Int(10) | To ID | Foreign Key |
| 4 | Date\_time | Datetime | Date and time when the transaction has occurred |  |
| 5 | B\_id | Int(10) | Book ID | Foreign Key |
| 6 | Amount | Int(10) | Amount transffered |  |