**ASSIGNMENT**

**Database Design**

**Submitted by**

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**Rollno : 14**

**Database Design**

**Table 1: Student**

**Description :** This table is used to store the personal details of the Students enrolled in the site.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | fname | varchar(50) |  |
| 3 | lname | varchar(50) |  |
| 4 | gender | varchar(6) |  |
| 5 | dob | date |  |
| 6 | address | varchar(200) |  |
| 7 | mobile | varchar(15) |  |
| 8 | email | varchar(100) | Unique |
| 9 | password | varchar(100) |  |
| 10 | Img\_name | varchar(50) |  |
| 11 | Img\_path | varchar(100) |  |

**Table 2: Faculty**

**Description :** This table is used to store the personal details of the Teachers enrolled in the site.it also contain the status of the faculty in which faculty is approved or not.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | fname | varchar(50) |  |
| 3 | lname | varchar(50) |  |
| 4 | gender | varchar(6) |  |
| 5 | dob | date |  |
| 6 | address | varchar(200) |  |
| 7 | mobile | varchar(15) |  |
| 8 | email | varchar(100) | Unique |
| 9 | password | varchar(100) |  |
| 10 | Img\_name | varchar(50) |  |
| 11 | Img\_path | varchar(100) |  |
| 12 | status | varchar(15) |  |

**Table 3: Admin**

**Description :** This table is used to store the personal details of the Admin. Clerk admin can add new person as admin.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | fname | varchar(50) |  |
| 3 | lname | varchar(50) |  |
| 4 | gender | varchar(6) |  |
| 5 | dob | date |  |
| 6 | address | varchar(200) |  |
| 7 | mobile | varchar(15) |  |
| 8 | email | varchar(100) | Unique |
| 9 | password | varchar(100) |  |
| 10 | Img\_name | varchar(50) |  |
| 11 | Img\_path | varchar(100) |  |

**Table 4: Course**

**Description :** This table is used to store the course details available in the site

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | title | varchar(100) | Unique |
| 3 | discription | varchar(500) |  |
| 4 | teacher\_name | varchar(100) |  |
| 5 | teacher\_email | References Faculty | Foreign key |
| 6 | duration | varchar(50) |  |
| 7 | status | varchar(15) |  |
| 8 | tnqz | int |  |

tnqz stand for total number of quiz .

**Table 5: Register**

**Description :** This table is used to store the details about students joined courses.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | sname | varchar(100) |  |
| 3 | semail | References Student | Foreign key |
| 4 | cname | References Course | Foreign key |

**Table 6: Study\_materials**

**Description :** This table is used to store the details about students joined courses.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | course | References Course | Foreign key |
| 3 | name | varchar(100) |  |
| 4 | size | int |  |
| 5 | downloads | int |  |

**Table 7: Quiz**

**Description :** This table is used to store the quiz questions, answers, mark and timer. Clerk admin can add new person as admin.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | quizid | varchar(100) |  |
| 3 | course | References Course | Foreign key |
| 4 | qno | int |  |
| 5 | qstn | varchar(1000) |  |
| 6 | optn1 | varchar(300) |  |
| 7 | optn2 | varchar(300) |  |
| 8 | optn3 | varchar(300) |  |
| 9 | optn4 | varchar(300) |  |
| 10 | ans | varchar(300) |  |
| 11 | userans | varchar(300) |  |
| 12 | mark | int |  |
| 13 | timer | varchar(50) |  |

**Table 8: Chat**

**Description :** This table is used to store messages sent between teacher and student.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | chatid | varchar(1000) |  |
| 3 | senderid | varchar(100) |  |
| 4 | recieverid | varchar(100) |  |
| 5 | coursename | varchar(100) |  |
| 6 | msg | varchar(1000) |  |
| 7 | timestamp | varchar(30) |  |
| 8 | status | varchar(10) |  |

**Table 9: Announcement**

**Description :** This table is used to store the announcement information send from teachers and admins.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | sendername | varchar(100) |  |
| 3 | senderemail | varchar(100) |  |
| 4 | subject | varchar(100) |  |
| 5 | message | varchar(1000) |  |
| 6 | date | varchar(50) |  |

**Table 10: Feedback**

**Description :** This table is used to store the feedbacks information.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | sendername | varchar(100) |  |
| 3 | senderemail | varchar(100) |  |
| 4 | subject | varchar(100) |  |
| 5 | message | varchar(1000) |  |

**Table 11: Subscribers**

**Description :** This table is used to store the feedbacks information.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | email | varchar(100) | Unique |

**Table 12: Scoreboard**

**Description :** This table is used to store the marks/score obtained from the quiz.

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Field Name** | **Data Types** | **Constraints** |
| 1 | id | Int | Primary key |
| 2 | email | References Student | Foreign key |
| 3 | quizcode | References Quiz | Foreign key |
| 4 | mark | varchar(100) |  |
| 5 | course | References Course | Foreign key |