**5) File Design / Normalized Database :**

**Table Name – users**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Datatype** | **Width** | **Constraint** |
| 1 | U\_id | INT | 99 | Primary Key |
| 2 | fname | VARCHAR | 25 | Not Null |
| 3 | name | VARCHAR | 25 | Not Null |
| 4 | pass | VARCHAR | 25 | Not Null |
| 5 | IsAdmin | TINYINT | 1 | Not Null |
| 5 | question1 | VARCHAR | 66 | Not Null |
| 6 | question2 | VARCHAR | 66 | Not Null |

**Table Name –payment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Datatype** | **Width** | **Constraint** |
| 1 | id | INT | 99 | Primary Key |
| 2 | U\_id | INT | 99 | Not Null |
| 3 | Full\_Name | VARCHAR | 35 | Not Null |
| 4 | Email | VARCHAR | 35 | Not Null |
| 5 | Address | VARCHAR | 35 | Not Null |
| 6 | City | VARCHAR | 35 | Not Null |
| 7 | State | VARCHAR | 35 | Not Null |
| 8 | Zip | INT | 35 | Not Null |
| 9 | Card\_Name | VARCHAR | 35 | Not Null |
| 10 | Card\_Number | VARCHAR | 35 | Not Null |
| 11 | Expmonth | VARCHAR | 35 | Not Null |
| 12 | Expyear | VARCHAR | 35 | Not Null |
| 13 | Cvv | VARCHAR | 35 | Not Null |

**Table Name –enquiries**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Datatype** | **Width** | **Constraint** |
| 1 | id | INT | 4 | Primary Key |
| 2 | Frist\_name | VARCHAR | 35 | Not Null |
| 3 | Last\_Name | VARCHAR | 35 | Not Null |
| 4 | Email | VARCHAR | 35 | Not Null |
| 5 | Message | VARCHAR | 35 | Not Null |

**Table Name –course**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Datatype** | **Width** | **Constraint** |
| 1 | c\_id | INT | 99 | Primary Key |
| 2 | c\_name | VARCHAR | 99 | Not Null |

**Table Name –course\_users**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Datatype** | **Width** | **Constraint** |
| 1 | id | INT | 99 | Primary Key |
| 2 | c\_id | INT | 99 | Not Null |
| 3 | u\_id | INT | 99 | Not Null |

**Table Name –video**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No.** | **Field Name** | **Datatype** | **Width** | **Constraint** |
| 1 | id | INT | 99 | Primary Key |
| 2 | name | INT | 99 | Not Null |
| 3 | c\_id | INT | 99 | Not Null |

**Data Dictionary :**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Field Name** | **Data**  **type** | **Width** | **Constraint** | **Table Name** | **Data Description** |
| 1 | u\_id | int | 33 | Primary key | users | User id |
| 2 | fname | Varchar | 33 | Not null | users | Full Name |
| 3 | pass | Varchar | 33 | Not null | users | User Password |
| 4 | IsAdmin | Tinyint | 33 | Not null | users | Admin check |
| 5 | question1 | Varchar | 99 | Not null | users | College Name |
| 6 | question2 | Varchar | 99 | Not null | users | Mother Name |
| 7 | id | int | 99 | Primary key | payment | Payment id |
| 8 | u\_id | int | 99 | Not null | payment | User id |
| 9 | Full\_Name | Varchar | 33 | Not null | payment | Card Details |
| 10 | Email | Varchar | 33 | Not null | payment | Card Details |
| 11 | Address | Varchar | 33 | Not null | payment | Card Details |
| 12 | City | Varchar | 33 | Not null | payment | Card Details |
| 13 | State | Varchar | 33 | Not null | payment | Card Details |
| 14 | Zip | Varchar | 6 | Not null | payment | Card Details |
| 15 | Card\_Name | Varchar | 33 | Not null | payment | Card Details |
| 16 | Card\_Number | Int | 33 | Not null | payment | Card Details |
| 17 | Expmonth | Int | 2 | Not null | payment | Card Details |
| 18 | Expyear | Int | 4 | Not null | payment | Card Details |
| 19 | Cvv | Int | 3 | Not null | payment | Card Details |
| 20 | id | Int | 99 | Primary key | enquiries | Enquiries Details |
| 21 | Frist\_name | Varchar | 35 | Not null | enquiries | Enquiries Details |
| 22 | Last\_Name | Varchar | 35 | Not null | enquiries | Enquiries Details |
| 23 | Email | Varchar | 35 | Not null | enquiries | Enquiries Details |
| 24 | Message | Varchar | 35 | Not null | enquiries | Enquiries Details |
| 25 | c\_id | Varchar | 99 | Primary key | course | Course id |
| 26 | c\_name | Varchar | 90 | Not null | course | Course names |
| 27 | id | Int | 99 | Primary key | course\_users | Course User id |
| 28 | c\_id | Int | 99 | Not null | course\_users | Course id |
| 29 | u\_id | Int | 99 | Not null | course\_users | User id |
| 30 | id | Int | 99 | Primary key | video | Video id |
| 31 | name | Varchar | 99 | Not null | video | Video Name |
| 32 | c\_id | Int | 99 | Not null | video | Course id |