**Tables and fields**

**User**

| **Name** | **Datatype** | **Constraint** |
| --- | --- | --- |
| user\_id | int | Primary key |
| user\_name | varchar(20) | Not Null |
| password | Varchar(200 | Not Null |
| name | varchar(max) | Not Null |
| email\_Id | varchar(10) | Unique |
| role | varchar(10) | Not Null |

**Course**

| **Name** | **Datatype** | **Constraint** |
| --- | --- | --- |
| course\_id | int | Primary key |
| course\_name | varchar(max) | Not null |
| description | varchar(max) | Not Null |
| course\_fee | int | Not null |
| total\_seat | int | Not null |
| available\_seat | int | Not null |

**Resource**

| **Name** | **Datatype** | **Constraint** |
| --- | --- | --- |
| resource\_id | int | Primary key |
| resource\_Name | varchar(20) | Not Null |
| slot\_availability | date | Not Null |
| status | varchar(20) | Not Null |
| rent\_cost | money | Not Null |

**Course enquiry**

| **Name** | **Datatype** | **Constraint** |
| --- | --- | --- |
| course\_enquiry\_id | int | Primary key |
| course\_id | int | Foreign key |
| enquirer\_name | varchar(20) | Not Null |
| enquirer\_email | varchar(20) | Not Null |
| status | varchar(20) | Not Null |

**Resource enquiry**

| **Name** | **Datatype** | **Constraint** |
| --- | --- | --- |
| resource\_enquiry\_id | int | Primary key |
| resource\_id | int | Foreign key |
| enquirer\_name | varchar(20) | Not Null |
| enquirer\_email | varchar(20) | Not Null |
| status | varchar(20) | Not Null |