User

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ATTRIBUTE | DATATYPE | CONSTRAINTS | SIZE | DESCRIPTION |
| user\_id | varchar | Primary key | 10 | Identifier for user |
| User\_name | varchar |  | 30 | Name of user |
| password | varchar |  | 6 | Password of user |
| Role | varchar |  | 10 | Role of a user |

Student

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ATTRIBUTE | DATATYPE | CONSTRAINTS | SIZE | DESCRIPTION |
| Student\_id | varchar | Primary key | 10 | Identifier for student |
| F\_name | varchar |  | 30 | First name of student |
| L\_name | varchar |  | 30 | Last name of student |
| Gender | varchar |  | 6 | Gender of a student |
| E-add | varchar |  | 100 | Email address of student |
| phone | varchar |  | 10 | Phone number for student |
| Depart\_Id | varchar | Foreign key | 30 | Referencing Department |

Idea

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ATTRIBUTE | DATATYPE | CONSTRAINTS | SIZE | DESCRIPTION |
| Idea\_id | varchar | Primary key | 10 | Identifier for idea |
| Desription | varchar |  | 500 | Description of idea |
| Category\_id | varchar |  | 10 | Category of idea |
| Student\_id | varchar | Foreign key | 10 | Reference student |

Category

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ATTRIBUTE | DATATYPE | CONSTRAINTS | SIZE | DESCRIPTION |
| Category\_id | varchar | Primary Key | 10 | Identifier of category |
| Category\_name | varchar |  | 50 | Name of category |