**Data Dictionary**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: User | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| User\_Id | Int | 11 | Yes | - | - |
| User\_Name | Varchar | 150 | - | - | - |
| Email | Varchar | 200 | - | - | - |
| Password | Varchar | 200 | - | - | - |
| Role | Tinyint | 4 | - | - | - |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Staff\_Type | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Staff\_Type\_Id | Int | 11 | Yes | - | - |
| Staff\_Type | Varchar | 15 | - | - | - |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Category | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Category\_Id | Int | 11 | Yes | - | - |
| Category\_Name | Varchar | 50 | - | - | - |
| Description | Varchar | 200 | - | - | - |
| Start\_Date | Date |  | - | - | - |
| End\_Date | Date |  | - | - | - |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Department | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Department\_Id | Int | 11 | Yes | - | - |
| Department\_Name | Varchar | 100 | - | - | - |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Administrator | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Id | int | 11 | Yes | - | - |
| Full\_Name | Varchar | 100 | - | - | - |
| User\_Id | Int | 11 | - | Yes | User |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Staff | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Staff\_Id | Int | 11 | Yes | - | - |
| Staff\_Name | Varchar | 35 | - | - | - |
| Address | Varchar | 100 | - | - | - |
| Gender | Varchar | 10 | - | - | - |
| Staff\_Type\_Id | Int | 11 | - | Yes | Staff\_Type |
| Department\_Id | Int | 11 | - | Yes | Department |
| User\_Id | Int | 11 | - | Yes | User |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Student | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Student\_Id | Int | 11 | Yes | - | - |
| First\_Name | Varchar | 120 | - | - | - |
| Last\_Name | Varchar | 120 | - | - | - |
| Address | Varchar | 200 | - | - | - |
| Gender | Varchar | 20 | - | - | - |
| Image | Varchar |  | - | - | - |
| Department\_Id | Int | 11 | - | Yes | Department |
| User\_Id | Int | 11 | - | Yes | User |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Idea | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Idea\_Id | Int | 11 | Yes | - | - |
| Idea\_Name | Varchar | 100 | - | - | - |
| Idea\_Details | Varchar | 100 | - | - | - |
| Publication\_Status | Tinyint | 4 | - | - | - |
| Anonymous\_Post | Tinyint | 4 | - | - | - |
| Student\_Id | Int | 11 | - | Yes | Student |
| Category\_Id | Int | 11 | - | Yes | Category |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Comments | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Comments\_Id | Int | 11 | Yes | - | - |
| Description | Varchar | 100 | - | - | - |
| staffOnstudent\_comment | Tinyint | 4 | - | - | - |
| Anonymous\_comment | Tinyint | 4 | - | - | - |
| Idea\_Id | Int | 11 | - | Yes | Idea |
| User\_Id | Int | 11 | - | Yes | User |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Evidence | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Evidence\_Id | Int | 11 | Yes | - | - |
| Evidence | Varchar | 45 | - | - | - |
| Idea\_Id | Int | 11 | - | Yes | Idea |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table Name: Reaction | | | | | |
| Attribute Name | **Data Type** | **Data Length** | **Primary Key** | **Foreign Key** | **Reference Table** |
| Reaction\_Id | Int | 11 | Yes | - | - |
| Reaction | Varchar | 12 | - | - | - |
| Idea\_Id | Int | 11 | - | Yes | Idea |
| User\_Id | Int | 11 | - | Yes | User |