**DATA DICTIONARIES**

**Tables: - collection**

**- district**

**- notifications**

**- resource**

**- sector**

**- student**

**DATA DICTIONARY OF COLLECTION TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FieldName** | **Data Type** | **Key** | **Field size** | **Description** |
| collectionId | INT | Primary key | 11 | Id of a collection |
| collectionName | VARCHAR | NOT NULL | 200 | Name of collection |
| creator | INT | Foreign key | 11 | Id of user who created the collection |
| status | VARCHAR | NOT NULL | 200 | Set to ‘Active’ if collection is not deleted and set to ‘Deactivated’ when deleted |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FieldName** | **Data Type** | **Key** | **Field size** | **Description** |
| districtId | INT | Primary key | 11 | Id of district |
| districtName | VARCHAR | NOT NULL | 200 | Name of district |

**DATA DICTIONARY OF DISTRICT TABLE**

**DATA DICTIONARY OF SECTOR TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FieldName** | **Data Type** | **Key** | **Field size** | **Description** |
| sectorId | INT | Primary key | 11 | Id of sector |
| sectorName | VARCHAR | NOT NULL | 200 | Name of sector |
| districtId | INT | Foreign Key | 11 | Id of district where sector is found |

**DATA DICTIONARY OF NOTIFICATIONS TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FieldName** | **Data Type** | **Key** | **Field size** | **Description** |
| notificationId | INT | Primary key | 11 | Id of notification |
| title | VARCHAR | NOT NULL | 250 | Title of notification |
| studentId | INT | Foreign Key | 11 | Id of student for whom the notification is regarded |

**DATA DICTIONARY OF RESOURCE TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FieldName** | **Data Type** | **Key** | **Field size** | **Description** |
| resourceId | INT | Primary key | 11 | Id of resource |
| resourceName | VARCHAR | NOT NULL | 200 | Title of resource |
| collectionId | INT | Foreign Key | 11 | Id of collection where resource is found |
| creator | INT | Foreign Key | 11 | Id of user who own the resource |
| link | VARCHAR | NOT NULL | 300 | Exact url of the resource |
| description | VARCHAR | NOT NULL | 1000 | Description of the resource |
| status | VARCHAR | NOT NULL | 100 | Set to ‘Active’ if resource is not deleted and set to ‘Deactivated’ when deleted |

**DATA DICTIONARY OF USER TABLE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **FieldName** | **Data Type** | **Key** | **Field size** | **Description** |
| studentId | INT | Primary key | 11 | Id of student |
| studentName | VARCHAR | NOT NULL | 250 | Names of student(both first name and last name) |
| email | VARCHAR | NOT NULL | 200 | Email of student |
| districtId | INT | FOREIGN KEY | 11 | Id of district where user live |
| sectorId | INT | FOREIGN KEY | 11 | Id of sector where user lives |
| password | VARCHAR | NOT NULL | 128 | User password |
| username | VARCHAR | NOT NULL | 100 | User name |
| status | VARCHAR | NOT NULL | 100 | Set to ‘Active’ if collection is not deleted and set to ‘Deactivated’ when deleted |
| reset\_link | VARCHAR | NULL | 100 | Link to reset password |