|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Building | | | | | |
| Column Name | Type | Length | Null | Key | Constraint |
| Id | Int | 4 | NOT NULL | Primary Key | Pk\_building\_id |
| Name | Varchar | 255 | NOT NULL | Unique | Ux\_building\_name |
| Description | Varchar | 1000 | NULL | N/A | N/A |
| Status | Int | 4 | NOT NULL | N/A | N/A |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Room | | | | | |
| Column Name | Type | Length | Null | Key | Constraint |
| Id | Int | 4 | NOT NULL | Primary Key | Pk\_room\_id |
| Name | Varchar | 255 | NOT NULL | Unique | Ux\_room\_name |
| RoomType | Int | 4 | NOT NULL | N/A | N/A |
| BuildingId | Int | 4 | NOT NULL | Foreign Key | Fk\_room\_building\_building\_id |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User | | | | | |
| Column Name | Type | Length | Null | Key | Constraint |
| Id | Int | 4 | NOT NULL | Primary Key | Pk\_user \_id |
| FullName | Varchar | 255 | NOT NULL | N/A | N/A |
| Email | Varchar | 255 | NOT NULL | Unique | Ux\_user\_email |
| Username | Varchar | 255 | NOT NULL | Unique | Ux\_user\_username |
| Password | Varchar | 255 | NOT NULL | N/A | N/A |
| UserType | Int | 4 | NOT NULL | N/A | N/A |
| Authority | Varchar | 255 | NOT NULL | N/A | N/A |
| Status | Int | 4 | NOT NULL | N/A | N/A |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Batch | | | | | |
| Column Name | Type | Length | Null | Key | Constraint |
| Id | Int | 4 | NOT NULL | Primary Key | Pk\_batch \_id |
| Name | Varchar | 255 | NOT NULL | Unique | Ux\_batch\_name |
| formationDate | Date | N/A | NOT NULL | N/A | N/A |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| StudentProfile | | | | | |
| Column Name | Type | Length | Null | Key | Constraint |
| Id | Int | 4 | NOT NULL | Primary Key | Pk\_studentProfile \_id |
| userId | Int | 4 | NOT NULL | Unique | Ux\_StudentProfile\_userId |
| batchId | Int | 4 | NULL | N/A | N/A |
| fullName | Varchar | 255 | NULL | N/A | N/A |
| Email | Varchar | 255 | NULL | N/A | N/A |
| Dob | Date | N/A | NULL | N/A | N/A |
| Gender | Varchar | 50 | NULL | N/A | N/A |
| Address | Varchar | 255 | NULL | N/A | N/A |
| TelephoneNumber | Varchar | 255 | NULL | N/A | N/A |
| MobileNumber | Varchar | 255 | NULL | N/A | N/A |
| ParentMobile | Varchar | 255 | NULL | N/A | N/A |
| ParentEmail | Varchar | 255 | NULL | N/A | N/A |
| motherName | Varchar | 255 | NULL | N/A | N/A |
| fatherName | Varchar | 255 | NULL | N/A | N/A |
| motherContactNumber | Varchar | 255 | NULL | N/A | N/A |
| fatherContactNumber | Varchar | 255 | NULL | N/A | N/A |