|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| entity Name | DescriptION | | | | |
| student | The student entity includes student personal information like name, email and contact with department information | | | | |
| Field Name | **Description** | **Data type** | **Key field** | **Constraints** | **Example** |
| student\_id | Unique id for each student | Text | PK | NOT NULL | S1, S2 |
| student\_name | Name of each student | Text |  | NOT NULL | John, Mary |
| student\_email | Email of each student | Text |  | NOT NULL | john@123.com |
| student\_contact | Contact number of each student | Integer |  | NOT NULL | 0245367891 |
| dept\_id | This is from Department table | Text | FK | NOT NULL | D1, D2 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| entity Name | DescriptION | | | | |
| class | The class entity includes the capacity of the class, student information and course information | | | | |
| Field Name | **Description** | **Data Type** | **Key Field** | **Constraints** | **Example** |
| class\_id | Unique id for each class | Text | PK | NOT NULL | C1, C2 |
| capacity | Capacity of students in a class | Integer |  | NOT NULL | 10, 15 |
| student\_id | This is from student table | Text | FK | NOT NULL | S1, S2 |
| course\_id | This is from Course table | Text | FK | NOT NULL | C1, C2 |