**DATABASE DESIGN:**

Students:

|  |  |
| --- | --- |
| COLUMN | COLUMN |
| Student\_id (primary key) | int |
| First\_name | Varchar(50) |
| last\_name | Varchar(50) |
| email | Varchar(50) |
| Phone\_number | Varchar(15) |
| Date\_of\_birth | date |
| address | Varchar(50) |
| Guardian\_name | Varchar(50) |
| Guardian\_contact | Varchar(15) |

Instructors

|  |  |
| --- | --- |
| COLUMN | DATATYPE |
| Instructor\_id (primary key) | int |
| First\_name | Varchar(50) |
| last\_name | Varchar(50) |
| email | Varchar(50) |
| Phone\_number | Varchar(15) |

Courses

|  |  |
| --- | --- |
| COLUMN | DATATYPE |
| Course\_id (primary key) | int |
| Course\_name | Varchar(50) |
| description | Varchar(50) |
| Start\_date | date |
| End\_date | date |
| Instructor\_id | int |

Enrollments

|  |  |
| --- | --- |
| COLUMN | DATATYPE |
| Endrollments\_id | int |
| Student\_id | int |
| Course\_id | int |
| Endrollment\_date | date |

ClassSchedule

|  |  |
| --- | --- |
| COLUMN | DATATYPE |
| Schedule\_id | int |
| Course\_id | int |
| Day\_of\_week | Varchar(20) |
| Start\_time | time |
| End\_time | time |
| Room\_location | Varchar(200) |

Payment:

|  |  |
| --- | --- |
| COLUMN | DATATYPE |
| Payment\_id | int |
| Student\_id | int |
| Course\_id | int |
| Payment\_date | date |
| amount | Decimal(10,2) |
| Payment\_method | Varchar(50) |