**Table Description**

**Parent:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P\_ID | Parent ID | PRIMARY KEY | NUMBER | Unique ID for each record of Parent |
| P\_Name | Parent Name |  | VARCHAR2(30) | Name of Parent |
| Gender | Gender |  | VARCHAR2(1) | Gender of Parent |
| CNIC | CNIC Number | NOT NULL, UNIQUE | VARCHAR2(20) | CNIC Number of Parent |
| Email | Email Address |  | VARCHAR2(30) | Email Address of Parent |
| Phone | Phone Number |  | VARCHAR2(20) | Phone Number of Parent |
| P\_Address | Home Address |  | VARCHAR2(30) | Permanent Address of Parent |
| Spouse | Spouse ID |  | NUMBER | Spouse ID incase of Mother |
| S\_Member | Staff Member |  | NUMBER | Whether Father or Mother is a staff member or not? |
| Alive | Alive |  | NUMBER | Is Parent Alive or not? |

**Parent\_History:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P\_ID | Parent ID | PRIMARY KEY | NUMBER | Unique ID for each record of Parent |
| Hist\_No | History Number | PRIMARY KEY | NUMBER | Change number for a parent |
| P\_Name | Parent Name |  | VARCHAR2(30) | Name of Parent |
| Gender | Gender |  | VARCHAR2(1) | Gender of Parent |
| CNIC | CNIC Number |  | VARCHAR2(20) | CNIC Number of Parent |
| Email | Email Address |  | VARCHAR2(30) | Email Address of Parent |
| Phone | Phone Number |  | VARCHAR2(20) | Phone Number of Parent |
| P\_Address | Home Address |  | VARCHAR2(30) | Permanent Address of Parent |
| Spouse | Spouse ID |  | NUMBER | Spouse ID incase of Mother |
| S\_Member | Staff Member |  | NUMBER | Whether Father or Mother is a staff member or not? |
| Alive | Alive |  | NUMBER | Is Parent Alive or not? |

**Guardian:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| G\_ID | Guardian ID | PRIMARY KEY | NUMBER | Unique ID for each guardian |
| G\_Name | Guardian Name |  | VARCHAR2(30) | Name of Guardian |
| Gender | Gender |  | VARCHAR2(1) | Gender of Guardian |
| CNIC | CNIC Number | NOT NULL, UNIQUE | VARCHAR2(20) | CNIC number of guardian |
| Phone | Phone Number |  | VARCHAR2(20) | Phone number of guardian |

**Guardian\_History:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| G\_ID | Guardian ID | PRIMARY KEY | NUMBER | Unique ID for each guardian |
| Hist\_No | History Number | PRIMARY KEY | NUMBER | History/Change Number of guardian |
| G\_Name | Guardian Name |  | VARCHAR2(30) | Name of Guardian |
| Gender | Gender |  | VARCHAR2(1) | Gender of Guardian |
| CNIC | CNIC Number |  | VARCHAR2(20) | CNIC number of guardian |
| Phone | Phone Number |  | VARCHAR2(20) | Phone number of guardian |

**Student:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S\_ID | Student ID | PRIMARY KEY | NUMBER | Unique ID for student |
| S\_Name | Student Name |  | VARCHAR2(30) | Student Name |
| Gender | Gender |  | VARCHAR2(1) | Gender of Student |
| DOB | Date of Birth |  | DATE | Date of Birth of Student |
| B\_Form | B Form Number | NOT NULL, UNIQUE | VARCHAR2(20) | B Form Number of Student |
| M\_ID | Mother ID | FOREIGN KEY | NUMBER | Mother ID of Student. Ref. P\_ID in Parent |
| F\_ID | Father ID | FOREIGN KEY | NUMBER | Father ID of Student. Ref. P\_ID in Parent |
| Admission\_Date | Admission Date |  | DATE | Admission Date |
| F\_Aid | Financial Aid |  | NUMBER | Is Student on Financial Aid or not? |
| Photo | Photo |  | VARCHAR2(50) | Name of the file of student’s photo |

**Student\_History:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S\_ID | Student ID | PRIMARY KEY | NUMBER | Unique ID for student |
| Hist\_No | History Number | PRIMARY KEY | NUMBER | History/Change Number for a Student’s record |
| S\_Name | Student Name |  | VARCHAR2(30) | Student Name |
| Gender | Gender |  | VARCHAR2(1) | Gender of Student |
| DOB | Date of Birth |  | DATE | Date of Birth of Student |
| B\_Form | B Form Number |  | VARCHAR2(20) | B Form Number of Student |
| M\_ID | Mother ID |  | NUMBER | Mother ID of Student |
| F\_ID | Father ID |  | NUMBER | Father ID of Student |
| Admission\_Date | Admission Date |  | DATE | Admission Date |
| F\_Aid | Financial Aid |  | NUMBER | Is Student on Financial Aid or not? |
| Photo | Photo |  | VARCHAR2(50) | Name of the file of student’s photo |

**Guardian\_Relation:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| G\_ID | Guardian ID | PRIMARY KEY, FOREIGN KEY | NUMBER | Guardian ID. Ref. G\_ID in Guardian Entity |
| S\_ID | Student\_ID | PRIMARY KEY, FOREIGN KEY | NUMBER | Student ID. Ref. S\_ID in Student Entity |
| Relation | Relation Type |  | VARCHAR2(15) | Relationship type like Grand Father, Father, Uncle |

**Accompanied\_By:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Acc\_No | Accompanying ID | PRIMARY KEY | NUMBER | Unique ID assigned to each guardian accompanying the child |
| S\_ID | Student ID | FOREIGN KEY | NUMBER | Student ID. Ref. S\_ID in Student |
| G\_ID | Guardian ID | FOREIGN KEY | NUMBER | Guardian ID. Ref. G\_ID in Guardain |
| Reason | Reason | NOT NULL | VARCHAR2(50) | Reason for mother not coming |
| Pregnant | Pregnant | NOT NULL | NUMBER | Is the accompanying guardian pregnant or not? |
| Mother | Mother | NOT NULL | NUMBER | Is the accompanying guardian mother? |
| Acc\_Date | Accompanying Date |  | DATE | Accompanying Date |

**Course:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| C\_ID | Course ID | PRIMARY KEY | NUMBER | Unique key assigned to each course |
| C\_Name | Course Name |  | VARCHAR2(50) | Course Name |
| C\_Detail | Course Details |  | VARCHAR2(50) | Details about course |
| Fee | Fee Amount |  | NUMBER | Fee for the course |
| S\_Date | Start Date |  | DATE | Start date of the course |
| E\_Date | End Date |  | DATE | End date of the course |
| C\_Status | Offer Status |  | NUMBER | Is Course currently been offered? |
| C\_Mode | Separate or Join |  | NUMBER | Will classes be separate for students of higher classes? |

**Class:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CL\_ID | Class ID | PRIMARY KEY | NUMBER | Unique ID for each class |
| CL\_Number | Class Number |  | NUMBER | Class Actual Number |
| CL\_Name | Class Name |  | VARCHAR2(15) | Class Name |
| Section | Section |  | VARCHAR2(1) | Section |
| Min\_Age | Minimum Age |  | NUMBER | Minimum Age |
| Max\_Age | Maximum Age |  | NUMBER | Maximum Age |
| Total\_Std | Total No. of Students |  | NUMBER | Total Number of Students that can be in the class |
| Curr\_Std | Current No. of Students |  | NUMBER | Current Number of students in this class |
| Specific | Specific |  | VARCHAR2(1) | Is this class specific for Boys or girls. |

**Registers:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reg\_No | Registration Number | PRIMARY KEY | NUMBER | Unique ID for registration |
| S\_ID | Student ID | FOREIGN KEY | NUMBER | Student ID. Ref. S\_ID in Student |
| C\_ID | Course ID | FOREIGN KEY | NUMBER | Course ID. Ref. C\_ID in Course |
| Challan\_No | Challan Number |  | VARCHAR2(15) | Challan Number |
| Reg\_Date | Registration Date |  | DATE | Registration Date |

**Fee\_Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reg\_No | Registration Number | PRIMARY KEY, FOREIGN KEY | NUMBER | Registration Number of Course. Ref. Reg\_No. in Registers |
| Challan\_No | Challan Number |  | VARCHAR2(15) | Challan\_Number |
| Total\_Fee | Total Fee |  | NUMBER | Total Fee to be paid for course |
| Amount\_Paid | Amount Paid |  | NUMBER | Amount Paid by the student for course |
| Discount | Discount |  | NUMBER | Discount amount that student got |

**Attends:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reg\_No | Registration Number | PRIMARY KEY, FOREIGN KEY | NUMBER | Registration Number. Ref. Reg\_No in Registers |
| CL\_ID | Class ID | FOREIGN KEY | NUMBER | Class ID. Ref. CL\_ID in Class |
| Alloc\_Date | Allocation Date |  | DATE | Allocation Date |
| A\_Status | Completed |  | NUMBER | Student Completed the course or not? |

**Class\_Chg\_Hist:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reg\_No | Registration Number | PRIMARY KEY | NUMBER | Registration Number |
| Chg\_No | Change Number | PRIMARY KEY | NUMBER | Change No. |
| Curr\_Class | Current Class |  | NUMBER | Curr Class ID |
| New\_Class | New Class |  | NUMBER | New Class ID |
| Alloc\_Date | Allocation Date |  | DATE | Allocation date of class |
| Reason | Reason |  | VARCHAR2(20) | Reason for change of class |
| Approved\_By | Approved by |  | VARCHAR2(20) | Name of staff member who approved the change |