Table 1: Program offered

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ColumnName** | **DataType** | **Description** | **Constraint** | **ConstraintName** |
| program\_name | Varchar2(5) | Represents the program offered | Primary key | program\_offered\_pk |
| description | Varchar2(20) | Represents the description about the program | Not Null | - |
| applicant\_eligibility | Varchar2(40) | Represents the eligibilty reqired by the applicant | Not Null | - |
| Duration | Number | Represents the duration of the course . | Not Null | - |
| degree\_certification\_offered | Varcha2(10) | Represents the degree offered after the completion of the course. | Not Null | - |

Table 2:Applicants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ColumnName** | **DataType** | **Description** | **Constraint** | **ConstraintName** |
| Application\_id | Number | Represents the application id of the student. | Primary key | applicants\_pk |
| Full\_name | Varchar2(20) | Represents the applicant name | Not Null |  |
| Date\_of\_birth | Date | Represents the date of birth of the applicant | Not Null | - |
| Highest\_qualification | Varchar2(10) | Represents the highest qualification of the applicant. | Not Null | - |
| Marks\_obtained | Number | Represents the marks obtained by applicant | Not Null | - |
| Goals | Varchar2(20) | Represents the goal of the applicant | Not Null | - |
| Email\_id | Varchar2(20) | Represents the email\_Id | Unique | - |
| Scheduled\_program\_id | Varchar2(20) | Represents the program id for which applicant need to apply | ON DELETE CASCADE | applicants\_Fk |
| Status | Varchar2(20) | Represents the Status whether applied ,accepted, rejected ,confirmed. | Constraint | check\_const\_status. |
| Date\_Of\_Interview | Date | Represents the date of the interview for whome the status is accepted. |  |  |

Table 3: program\_Schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ColumnName** | **DataType** | **Description** | **Constraint** | **ConstraintName** |
| Scheduled\_program\_id | Varchar2(5) | Represents the program id | Primary key | program\_Scheduled\_pk |
| Program\_Name | Varchar2(5) | Represents the program name | Foreign Key | program\_Scheduled\_fk |
| Location | Varchar2(10) | Represents the location where the program would run | Not Null | - |
| Start\_date | Date | Represents the start date of the course . | Not Null | - |
| End\_date | Date | Represents the end date of the course . | Not Null | - |
| Session\_per\_week | Number | Represents the session of the program /week. | Not Null | - |

Table 4:Participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ColumnName** | **DataType** | **Description** | **Constraint** | **ConstraintName** |
| Roll\_no | Varchar2(5) | Represents the roll no of the participants | Primary key | participants\_Pk |
| Email\_id | Varchar2(20) | Represents the email ID of the participants | unique | Constraint participants\_check |
| Application\_id | Varchar2(40) | Represents the application id of the participants. | Foreign Key | participants\_Fk |
| Scheduled\_program\_id | Varchar2(5) | Represents the scheduled program Id. | Not Null | - |

Table 5:Users

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ColumnName** | **DataType** | **Description** | **Constraint** | **ConstraintName** |
| Login\_id | Varchar2(5) | Represents the login id required for the mac or admin | Primary key | users\_Pk |
| password | Varchar2(10) | Represents the password in required for particular login id |  |  |
| Role | varchar2(5) | Represents the role of the user whether it is admin or mac |  | users\_check  role IN ('mac','admin') |

Sequence 1: application\_id\_seq

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SequenceName** | **MinimumValue** | **StartWith** | **IncrementValue** | **Column Name** |
| application\_id\_seq | 10000 | 10000 | 1 | Application\_id |

Sequence 2: roll\_no\_seq

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SequenceName** | **MinimumValue** | **StartWith** | **IncrementValue** | **Column Name** |
| roll\_no\_seq | 13000 | 13000 | 1 | Roll\_no |