|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| StudentID | Varchar | 14 | Primary key |
| StudentName | Varchar | 50 | Not null |
| StudentDOB | Date | 7 | Not null |
| StudentEmail | Varchar | 50 | Not null |
| StudentAddress | Varchar | 100 | Not null |
|  |  |  |  |
| StudentGender | Varchar | 15 | Not null |
| Cohort | Varchar | 10 | Foreign key |
| AttendanceID | Varchar | 15 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
|  |  |  |  |
| CourseworkID | Varchar | 15 | Foreign key |
| ResitCourseworkID | Varchar | 15 | Foreign key |
| ExamID | Varchar | 15 | Foreign key |
| ResitExamID | Varchar | 15 | Foreign key |
| ProjectID | Varchar | 15 | Foreign key |
|  |  |  |  |
| ResitProjectID | Varchar | 15 | Foreign key |
| PaymentID | Varchar | 15 | Foreign key |
| WorkPlacementID | Varchar | 15 | Foreign key |
| AccountID | Varchar | 10 | Foreign key |
| Result | Varchar | 250 | Foreign key |

**Table Student**

**Table Programme**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ProgrammeID | Varchar | 10 | Primary key |
| ProgrammeName | Varchar | 100 | Not null |
| ProgrammeDuration | Varchar | 10 | Not null |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
|  |  |  |  |
| ModuleID | Varchar | 10 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| WorkPlacementID | Varchar | 15 | Foreign key |

**Table Programme Coordinator**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ProgrammeCoordinatorID | Varchar | 14 | Primary key |
| ProgrammeCoordinatorName | Varchar | 50 | Not null |
| ProgrammeCoordinatorAddress | Varchar | 100 | Not null |
| ProgrammeCoordinatorDOB | Date | 7 | Not null |
| ProgrammeCoordinatorGender | Varchar | 15 | Not null |
|  |  |  |  |
| ProgrammeCoordinatorMobileNumber | Number | 12 | Not null |
| ProgrammeCoordinatorEmail | Varchar | 50 | Not null |
| AccountID | Varchar | 10 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |

**Table Module**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ModuleID | Varchar | 10 | Primary key |
| ModuleName | Varchar | 100 | Not null |
| ModuleDuration | Varchar | 10 | Not null |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
|  |  |  |  |
| StudentID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| ModuleGPA | Nvarchar | 5 | Not null |
|  |  |  |  |
| CourseworkID | Varchar | 15 | Foreign key |
| ResitCourseworkID | Varchar | 15 | Foreign key |
| ExamID | Varchar | 15 | Foreign key |
| ResitExamID | Varchar | 15 | Foreign key |
| ProjectID | Varchar | 15 | Foreign key |
| ResitProjectID | Varchar | 15 | Foreign key |

**Table Module Coordinator**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ModuleCoordinatorID | Varchar | 14 | Primary key |
| ModuleCoordinatorName | Varchar | 50 | Not null |
| ModuleCoordinatorAddress | Varchar | 100 | Not null |
| ModuleCoordinatorDOB | Date | 7 | Not null |
| ModuleCoordinatorGender | Varchar | 15 | Not null |
|  |  |  |  |
| ModuleCoordinatorEmail | Varchar | 50 | Not null |
| ModuleCoordinaorMobileNumber | Number | 12 | Not null |
| ModuleID | Varchar | 10 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| AccountID | Varchar | 10 | Foreign key |

**Table Cohort**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| Cohort | Varchar | 10 | Primary key |
| YearStart | Number | 4 | Not null |
| YearEnd | Number | 4 | Not null |
| StudentID | Varchar | 14 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |

**Table Lecturer**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| LecturerID | Varchar | 14 | Primary key |
| LecturerName | Varchar | 50 | Not null |
| LecturerGender | Varchar | 15 | Not null |
| LecturerDOB | Date | 7 | Not null |
| LecturerAddress | Varchar | 100 | Not null |
|  |  |  |  |
| LecturerMobileNumber | Number | 12 | Not null |
| LecturerEmail | Varchar | 50 | Not null |
| AttendanceID | Varchar | 15 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
|  |  |  |  |
| CourseworkID | Varchar | 15 | Foreign key |
| ResitCourseworkID | Varchar | 15 | Foreign key |
| ProjectID | Varchar | 15 | Foreign key |
| ResitProjectID | Varchar | 15 | Foreign key |
| AccountID | Varchar | 10 | Foreign key |

**Table Coursework**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| CourseworkID | Varchar | 15 | Primary key |
| CourseworkName | Varchar | 100 | Not null |
| CourseworkStartline | Varchar | 15 | Not null |
| CourseworkDeadline | Varchar | 15 | Not null |
| CourseworkGrade | Char | 1 | Not null |
|  |  |  |  |
| LecturerID | Varchar | 14 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| ModeratedCourseworkReview | Varchar | 250 | Null |

**Table Re-sit Coursework**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ResitCourseworkID | Varchar | 15 | Primary key |
| ResitCourseworkName | Varchar | 100 | Not null |
| ResitCourseworkStartline | Varchar | 15 | Not null |
| ResitCourseworkDeadline | Varchar | 15 | Not null |
| ResitCourseworkGrade | Char | 1 | Null |
|  |  |  |  |
| StudentID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |

**Table Exam**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ExamID | Varchar | 15 | Primary key |
| ExamName | Varchar | 100 | Not null |
| ExamDuration | Varchar | 10 | Not null |
| ExamStartDate | Date | 7 | Not null |
| ExamEndDate | Date | 7 | Not null |
|  |  |  |  |
| ProgrammeID | Varchar | 10 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
|  |  |  |  |
| StudentID | Varchar | 14 | Foreign key |
| ExamGrade | Char | 1 | Not null |
| ModeratedExaminationReview | Varchar | 250 | Null |

**Table Re-sit Exam**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ResitExamID | Varchar | 15 | Primary key |
| ResitExamName | Varchar | 100 | Not null |
| ResitExamDuration | Varchar | 10 | Not null |
| ResitExamStartDate | Date | 7 | Not null |
| ResitExamEndDate | Date | 7 | Not null |
|  |  |  |  |
| Cohort | Varchar | 10 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| ResitExamGrade | Char | 1 | Null |

**Table Project**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ProjectID | Varchar | 15 | Primary key |
| ProjectName | Varchar | 100 | Not null |
| ProjectStartline | Varchar | 15 | Not null |
| ProjectDeadline | Varchar | 15 | Not null |
| ProgrammeID | Varchar | 10 | Foreign key |
|  |  |  |  |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| ProjectGrade | Char | 1 | Not null |
| ModeratedProjectReview | Varchar | 250 | Null |

**Table Re-sit Project**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ResitProjectID | Varchar | 15 | Primary key |
| ResitProjectName | Varchar | 100 | Not null |
| ResitProjectStartline | Varchar | 15 | Not null |
| ResitProjectDeadline | Varchar | 15 | Not null |
| ProgrammeID | Varchar | 10 | Foreign key |
|  |  |  |  |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| ResitProjectGrade | Char | 1 | Null |

**Table Work placement**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| WorkPlacementID | Varchar | 15 | Primary key |
| WorkPlacementName | Varchar | 100 | Not null |
| WorkPlacementAddress | Varchar | 100 | Not null |
| WorkPlacementStartingDate | Date | 7 | Not null |
| WorkPlacementEndingDate | Date | 7 | Not null |
|  |  |  |  |
| ProgrammeID | Varchar | 10 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| WorkPlacementReview | Varchar | 250 | Null |

**Table Board of Examiners**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| BOE\_ID | Varchar | 10 | Primary key |
| ProgrammeID | Varchar | 10 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |

**Table Result**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| Result | Varchar | 250 | Primary key |
| Cohort | Varchar | 10 | Foreign key |
| StudentID | Varchar | 14 | Foreign key |
| ProgrammeID | Varchar | 10 | Foreign key |
| CourseworkID | Varchar | 15 | Foreign key |
|  |  |  |  |
| ResitCourseworkID | Varchar | 15 | Foreign key |
| ExamID | Varchar | 15 | Foreign key |
| ResitExamID | Varchar | 15 | Foreign key |
| ProjectID | Varchar | 15 | Foreign key |
| ResitProjectID | Varchar | 15 | Foreign key |
| TranscriptName | Varchar | 250 | Not null |

**Table Attendance**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| AttendanceID | Varchar | 15 | Primary key |
| Cohort | Varchar | 10 | Foreign key |
| NumOfStudents | Number | 3 | Not null |
| StudentID | Varchar | 14 | Foreign key |
| Absent/Present | Varchar | 7 | Not null |
|  |  |  |  |
| WeekNo | Number | 2 | Not null |
| ProgrammeID | Varchar | 10 | Foreign key |
| ModuleID | Varchar | 10 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
| Remarks | Varchar | 250 | Null |

**Table Account**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| AccountID | Varchar | 10 | Primary key |
| AccountName | Varchar | 50 | Not null |
| StudentID | Varchar | 14 | Foreign key |
| ProgrammeCoordinatorID | Varchar | 14 | Foreign key |
| ModuleCoordinatorID | Varchar | 14 | Foreign key |
| LecturerID | Varchar | 14 | Foreign key |
| AdmissionID | Varchar | 10 | Foreign key |

**Table Applicant**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| ApplicantID | Varchar | 14 | Primary key |
| ApplicantName | Varchar | 50 | Not null |
| ApplicantDOB | Date | 7 | Not null |
| ApplicantGender | Varchar | 15 | Not null |
| ApplicantEmail | Varchar | 100 | Not null |
|  |  |  |  |
| ApplicantContactNo | Number | 12 | Not null |
| ApplicantAddress | Varchar | 100 | Not null |
| ApplicantDocs | Varchar | 50 | Not null |
| ApplicantStatus | Varchar | 50 | Not null |
| PaymentID | Varchar | 15 | Foreign key |

**Table Admission**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| AdmissionID | Varchar | 10 | Primary key |
| AdmissionDate | Date | 7 | Not null |
| NoOfDocScanned | Number | 2 | Not null |
| AccountID | Varchar | 10 | Foreign key |
| ApplicantID | Varchar | 14 | Foreign key |
|  |  |  |  |
| AdmissionStatus | Varchar | 50 | Not null |
| MeritStatusTracking | Varchar | 50 | Not null |
| QualifyingScores | Number | 2 | Not null |
| MeritList | Varchar | 250 | Not null |

**Table Payment**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Data Type** | **Field Size** | **Constraints** |
| PaymentID | Varchar | 15 | Primary key |
| PaymentDate | Date | 7 | Not null |
| StudentID | Varchar | 14 | Foreign key |
| Cohort | Varchar | 10 | Foreign key |
| AccountID | Varchar | 10 | Foreign key |
|  |  |  |  |
| ApplicantID | Varchar | 14 | Foreign key |
| PaymentMethod | Varchar | 20 | Not null |
| FeesPaid | Number | 6 | Not null |
| FeesDue | Number | 6 | Not null |