**tblaccount:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| naccountid | Number | 7 | This is the primary key of this relation. This contain the ID of students and instructors. Example: ‘1821952’ for student and ‘4321’ for faculty. |
| cfirstname | Text |  | This is the first name of the students or instructors. Example: ‘Navid’. |
| clastname | Text |  | This is the last name of the students or faculty. Example: ‘Islam’. |
| dbirthdate | Datetime | “dd/mm/yy” | This contains date of birth of the students or faculty. Example: ‘26/07/97’. |
| cgender | Text | 6 | This contains the gender of the students or instructors. Example: ‘Male’ or ‘Female’. |
| cemailaddress | Text |  | This is the email address of the students or faculty. |
| ncontactnumber | Number | 11 | This is the contact number of the students or faculty. Example: ‘01712345678’. |
| caddress | Text |  | This is the home address of the students or faculty. |

**tblfaculty:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nfaccountid | Number | 4 | This is the primary key of this relation. This contain the ID of faculty. Example: ‘4321’. |
| cacademicqualifications | Text |  | This is the latest academic qualifications of the faculty. |
| cspecialization | Text |  | This is the specialization of the faculty. |
| cjobposition | Text | 9 | This is the job position of the faculty. Example: ‘Professor’ or ‘Lecturer’. |
| nsalary | Number |  | This is the monthly salary of the faculty. |

**tbldepartment:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| cdepartmentname | Text |  | This is the primary key of this relation. This contains the department name. |
| nfacultyid | Number | 4 | This contains the name of the department head. |
| nphonenumber | Number | 11 | This contains the phone number of the department. |

**tblsection:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| ccourseid | Text | 7 | This is the composite key of this relation. This contains the course id. Example: ‘CSE303’. |
| nsectionnumber | Number | 2 | This is the composite key of this relation. This contains the section number of a particular course in a particular semester. |
| csemester | Text | 6 | This is the composite key of this relation. This contains the semester name. Example: ‘Spring’, ‘Summer’, ‘Autumn’. |
| nschedule | Text |  | This is the schedule of a section which is the timing of a course. |
| nmaximumcapacity | Number | 2 | This is the maximum capacity a section can hold. |

**tblstudentsection:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nsaccountid | Number | 7 | This is the composite key of this relation. This contains the account id of the students. Example: ‘1821952’. |
| ccourseid | Text | 7 | This is the composite key of this relation. This contains the course id. Example: ‘CSE303’. |
| nsectionnumber | Number | 2 | This is the composite key of this relation. This contains the section number of a particular course in a particular semester. |
| csemester | Text | 6 | This is the composite key of this relation. This contains the semester name. Example: ‘Spring’, ‘Summer’, ‘Autumn’. |
| dregistrationdate | Datetime | “dd/mm/yy” | This contains registration date of the students in a particular course. |

**tblfacultycourse:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nfaccountid | Number | 4 | This is the composite key of this relation. This contains the account id of the instructors. Example: ‘4321’. |
| ccourseid | Text | 7 | This is the composite key of this relation. This contains the course id. Example: ‘CSE303’. |
| cteachingdays | Text | 9 | This contains the days a particular faculty teaches. |
| nteachingtime | Number |  | This contains the teaching time of a faculty. |

**tblcourseoutcome:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| ccourseid | Text | 7 | This is the composite key of this relation. This contains the course id of a particular course. |
| ccourseoutcome | Text |  | This is the composite key of this relation. This contains the course outcome from a particular course. |

**tblstudent:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nsaccountid | Number | 7 | This is the primary key of this relation. This contains the account id of the students. Example: ‘1821952’. |
| denrolldate | Datetime | “dd/mm/yy” | This contains the enroll date of the students. |
| ntotalcoursecompleted | Number | 2 | This contains the total course completed by the students. |
| cdepartmentname | Text |  | This is a foreign key from Table DEPARTMENT. |

**tblcourse:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| ccourseid | Text | 7 | This is the primary key of this relation. This contains the course id. Example: ‘CSE303’. |
| ccoursetitle | Text |  | This contains the course title of a particular course. Example: ‘Database Management’. |

**tblprogram:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nprogramid | Number | 1 | This is the primary key of this relation. This contains the program id. |
| ccprogramname | Text |  | This contains the program name. |
| cdepartmentname | Text |  | This is a foreign key from Table DEPARTMENT. |

**tplo:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| cploid | Number | 1 | This is the primary key of this relation. This contains the plo id. |
| cploname | Text |  | This contains the plo name of a particular course. Example: ‘Database Management’. |
| cplodescription | Text |  | This is the plo description. |
| nprogramid | Number | 1 | This is a foreign key from Table PROGRAM. |

**tco:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| ccoid | Number | 1 | This is the primary key of this relation. This contains the co id. |
| cconame | Text |  | This contains the co name. |
| ccodescription | Text |  | This contains the description of co. |
| ccourseid | Number | 7 | This is a foreign key from Table COURSE. |
| cploid | Number | 1 | This is a foreign key from Table PLO. |

**tcourseprerequisite:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| ccourseid | Text | 7 | This is the composite key of this relation. This contains the course id. Example: ‘CSE303’. |
| ccprerequisitecoureseid | Text | 7 | This is the composite key of this relation. This contains the course id of the prerequisite course. |

**tassessment:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nassessmentid | Number |  | This is the primary key of this relation. This contains the assessment id. |
| ccourseid | Text | 7 | This is a foreign key from Table COURSE. |
| nsectionnumber | Number | 2 | This is a foreign key from Table SECTION. |
| ncoid | Number | 1 | This is a foreign key from Table CO. |
| nassessmenttype | Number | 2 | This contains the assessment marks. |
| ntotalmarksachievable | Number | 3 | This contains the total marks achievable. |

**tevaluation:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nstudentid | Number | 7 | This is the composite key of this relation. This contains the student id. |
| nassessmentid | Number |  | This is the composite key of this relation. This contains the assessment id. |
| ntotalmarksobtained | Number | 3 | This contains the total marks achieved. |

**tevaluationfaculty:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| nfaccountid | Number | 4 | This is the composite key of this relation. This contains the faculty id. |
| nstudentid | Number | 7 | This is the composite key of this relation. This contains the student id. |
| nassessmentid | Number |  | This is the composite key of this relation. This contains the assessment id. |
| devaluationdate | Datetime | “dd/mm/yy” | This contains the evaluation date. |