**DATA DICTIONARY**

**tblschool:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| schoolid | varchar | 10 | This is the primary key of this relation. This contains the school id. Example: ‘SECS’ |
| schoolname | varchar | 100 | This contains the school name of a particular school. Example: ‘The School of Engineering & Computer Science’ |

**tbldepartment**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| departmentid | varchar | 100 | This is the primary key of this relation. This contains the department ID. Example: ‘CSE’ |
| departmentname | varchar | 100 | This contains the name of a particular DEPARTMENT. Example: ‘Computer Science & Engineering’. |
| schoolid | varchar | 100 | This is a foreign key from Table SCHOOL |

**tblprogram**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| programid | varchar | 100 | This is the primary key of this relation. This contains the program id. |
| programname | varchar | 100 | This contains the program name of a particular program. |
| departmentid | varchar | 100 | This is a foreign key from Table DEPARTMENT. |
| courseid | varchar | 100 | This is a foreign key from Table COURSE. |

**tblfaculty:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| facultyid | varchar | 100 | This is the primary key of this relation. This contain the ID of instructor. Example: ‘4021’ |
| firstname | varchar | 100 | This is the first name of the instructor. Example: ‘Rafiq’ |
| lastname | varchar | 100 | This is the last name of the instructors. Example: ‘Mohammad’ |
| dateofbirth | varchar | 100 | This contains date of birth of the instructor. Example: ‘26/07/90’ |
| address | varchar | 100 | This is the home address of the instructor. |
| gender | varchar | 100 | This contains the gender of the instructors. Example: ‘Male’ or ‘Female’. |
| email | varchar | 100 | This is the email address of the instructor. |
| contactnumber | varchar | 100 | This is the contact number of the instructor. Example: ‘01930456781’. |
| departmentid | varchar | 100 | This is a foreign key from Table DEPARTMENT. |

**tblfacultystudent**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| facutyid | varchar | 100 | This is the composite key of this relation. This contains the instructor ID. |
| studentid | varchar | 100 | This is the composite key of this relation. This contain the ID of student. Example: ‘1611014’ |
| Grade | varchar | 100 | This is the grade assigned by the Instructor. |

**tblstudent:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| studentid | varchar | 100 | This is the primary key of this relation. This contain the ID of student. Example: ‘1611014’ |
| firstname | varchar | 100 | This is the first name of the student. Example: ‘Rafia’ |
| lastname | varchar | 100 | This is the last name of the student. Example: ‘Mohammad’ |
| dateofbirth | date | 9999-12-31 | This contains date of birth of the student. Example: ‘16/07/97’ |
| address | varchar | 100 | This is the home address of the student. |
| gender | varchar | 100 | This contains the gender of the student. Example: ‘Male’ or ‘Female’. |
| email | varchar | 100 | This is the email address of the student. |
| contactnumber | varchar | 100 | This is the contact number of the student. Example: ‘01930456781’. |
| departmentid | varchar | 100 | This is a foreign key from Table DEPARTMENT. |
| programid | varchar | 100 | This is a foreign key from Table PROGRAM. |

**tblcourse**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** | |
| couresid | varchar | 100 | This is the Primary Key for the Course.  Example: “CSE303” | |
| coursetitle | varchar | 100 | This is the name of the Course.  Example:” Database Management” | |
| creditnumber | varchar | 100 | This is the credit for the Course.  Example: “3.00” | |
| programid | varchar | 100 | This is the Foreign Key from Program table  Example: “B.Sc”. | |
| offeredcourseid | varchar | 100 | This is the list of course IDs that are offered in the semester. |

**tblsection**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data type** | **Size** | **Remark** |
| coureseid | varchar | 100 | This is the composite key. Example: “CSE303” |
| sectionno | varchar | 100 | This is the composite key. This is the section number.  Example: “1” |
| semester | varchar | 100 | This is the composite key. This is the semester.  Example: “May” |
| facultyid | varchar | 100 | This is the foreign key from the instructor  Table.  Example: “13400435” |

**tblassessment:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Data type** | **Size** | **Remark** | |
| assessmentid | varchar | 100 | This is the primary key of this relation. This contains the assessment id. | |
| assessmenttype | varchar | 100 | This contains the assessment marks. | |
| marksobtained | varchar | 100 | This contains the total marks achievable. | |
| courseid | varchar | 100 | This is a foreign key from Table COURSE. | |
| studentid | varchar | 100 | This is the foreign key of this relation. This contains the student id. | |
| coid | varchar | 100 | This is a foreign key from Table CO. | |
| sectionno | varchar | 100 | This is the foreign key from Table SECTION. This is the section number.  Example: “1” |
| semester | varchar | 100 | This is the foreign key from Table SECTION. This is the semester.  Example: “May” |

**tblco:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| Coid | varchar | 100 | This is the primary key of this relation. This contains the co id. |
| conumber | varchar | 100 | This contains the co number of a particular course. Example: ‘Database Management’. |
| Ploid | varchar | 100 | This is a foreign key from Table PLO. |
| courseid | varchar | 100 | This is a foreign key from Table COURSE. |

**tplo**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| ploid | varchar | 100 | This is the primary key of this relation. This contains the plo id. |
| description | varchar | 100 | This is the plo description. |
| plonumber | varchar | 100 | This contains the plo number of a particular course. Example: ‘Database Management’. |
| programid | varchar | 100 | This is a foreign key from Table PROGRAM. |

**tblcourseprerequisite:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| courseid | varchar | 100 | This is the composite key of this relation. This contains the course id of a particular course. Example:’CSE303’ |
| prerequisitecourseid | varchar | 100 | This is the composite key of this relation. This contains the course id of the prerequisite course. |

**tblfacultycourse**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| facultyid | varchar | 100 | This is the composite key of this relation. This contains the instructor ID . |
| courseid | varchar | 100 | This is the composite key of this relation.  Example: CSE303 |