**DATA DICTIONARY**

**University\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data type | Size | Remarks |
| cuniversityID | VARCHAR | 5 | This is the PRIMARY KEY of the University |
| cuniversityName | VARCHAR | 225 | This is the name of the University |

**School\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| cschool\_id | VARCHAR | 5 | This is the PRIMARY KEY of School |
| cuniversityID | VARCHAR |  | This is the FOREIGN KEY from University Table |
| cschoolName | VARCHAR | 30 | This is the name of the School  Example: “School of Engineering and Science” |

**Department\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| cdepartmentID | VARCHAR | 5 | This is the PRIMARY KEY of the Department  Example: “CSE” |
| cschool­\_id | VARCHAR | 5 | This is the FOREIGN KEY of the School |
| cdepartmentName | VARCHAR |  | This the Name of the Department  Example: “Computer Science and Engineering” |

**Program\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| cprogramID | VARCHAR | 5 | This is the PRIMARY KEY for a program  Example: “B.Sc” |
| cdepartment\_id | VARCHAR | 5 | This is the FOREIGN KEY from the Department table  Example: “BS.C” |
| cprogramName | VARCHAR | 30 | This is the name of the Degree program  Example: “Bachelor of Science” |

**Course\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remark |
| ccourseID | VARCHAR | 7 | This is the PRIMARY KEY for the course  Example: “CSE203” |
| cprogramID | VARCHAR | 5 | This is the FOREIGN KEY from the Program Key |
| ccourseName | VARCHAR | 40 | This is the name of the course  Example: ”Data Base” |
| cnoOfCredits | integer |  | This is the number of credits for the course  Example: “3” |
| ccourseType | VARCHAR | 10 | This is the type of the course  Example: Core |
| cdescription | VARCHAR |  | This is the description of the course |

**PLO\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | remarks |
| cploID | VARCHAR | 5 | This is the PRIMARY KEY of the Program Learning Outcome  Example: “PLO1” |
| cprogram\_id | VARCHAR | 5 | This is the FOREIGN KEY from the Program Table  Example: “B.Sc” |
| cploName | VARCHAR |  | This is the name of the Program Learning Outcome |
| cdescription | VARCHAR |  | This the description of the Program Learning Outcome |

**CO\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| ccoID | VARCHAR | 5 | This is the PRIMARY KEY for the Course Outcome |
| cplo\_id | VARCHAR | 5 | This is the FOREIGN KEY from the Program Learning Outcome  Example: “PLO1” |
| ccoName | VARCHAR |  | This is the name of the Course Outcome |
| cdescription | VARCHAR |  | This is the name of the Course Outcome |

**Section\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| csectionID | integer |  | This is the PRIMARY KEY for the section |
| course\_id | VARCHAR | 7 | This is the FOREIGN KEY for the section  Example: “ CSE213” |
| cfaculty\_id | VARCHAR |  | This is the FOREIGN KEY from the faculty table |
| nsectionNO | INTEGER |  | This is the section number |
| csemester | VARCHAR |  | This is the semester number |

**Student\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| cstudentID | VARCHAR | 10 | This is the PRIMARY KEY for the student  Example: “1710237” |
| cprogram­\_id | VARCHAR | 5 | This is the FOREIGN KEY for the student |
| cfname | VARCHAR | 200 | This is first name of the student  Example: “Mohammad Tasiful” |
| clname | VARCHAR | 20 | This is the last name of the student  Example: “Amin” |
| cgender | VARCHAR |  | This is the gender of the student  Example:”M” |
| caddress | VARCHAR | 50 | This is the address of the student  Example: “ College road, Chawkbazar, Chattagram, Keari Elysium” |
| cdateofbirth | DATE | DD-MM-YYYY | This is the date of birth of the student  Example: 02-02-1997 |
| cemail | VARCHAR | 30 | This is the email of the student  Example: “1710575@iub.edu.bd” |
| cphone | VARCHAR | 20 | This is the phone number of the student  Example: “01819686321” |

**Enrollment\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| cenrollID | VARCHAR |  | This is the PRIMARY KEY for enrollment |
| nsectionID | INTEGER |  | This is the FOREIGN KEY for enrollment |
| cstudent\_id | VARCHAR | 7 | This is the FOREIGN KEY for enrollment  Example: “1715437” |
| csemester | VARCHAR | 6 | This is the semester of enrollment  Example: “Autumn” |
| cyear | year | yyyy | This is the year of enrollment  Example:2019 |

**Faculty\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| cfacultyID | VARCHAR | 4 | This is the PRIMARY KEY for faculty  Example: “1801” |
| cdepartment\_id | VARCHAR | 5 | This is the FOREIGN KEY for faculty |
| cfname | VARCHAR | 30 | This is first name of the faculty  Example: “ Mahady” |
| clname | VARCHAR | 20 | This is the last name of the faculty  Example: “Hasan” |
| cgender | VARCHAR | 1 | This is the gender of the faculty  Example: “M” |
| caddress | VARCHAR | 30 | This is the address of the faculty  Example: “House 1, Road 1, Sector 1, Uttara, Dhaka, Bangladesh” |
| cdateOfBirth | DATE | DD-MM-YYYY | This is the date of birth of the faculty  Example: “15-05-19980 |
| cemail | VARCHAR | 30 | This is the email of the faculty  Example: “mahady@iub.edu.bd” |
| cphone | VARCHAR | 15 | This is the phone number of the faculty  Example: 01855247992 |

**Assessment\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| nassessmentID | INTEGER |  | This is the PRIMARY KEY for assessment |
| cstudentID | VARCHAR | 7 | This is the FOREIGN KEY for assessment |
| nco\_id | INTEGER |  | This is the FOREIGN KEY from Course |
| csection\_id | Integer |  | This is the FOREIGN KEY from Section Table |
| cassessmentName | VARCHAR |  | This is the name of the assessment |
| cmarks | VARCHAR | 6 | This is the marks of the assessment |
| cquestionNo | VARCHAR |  | This is the number of question in the assessment |

**Evaluation\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Data Type | Size | Remarks |
| nevaluationID | INTEGER |  | This is the PRIMARY KEY for evaluation |
| nassessment\_id | INTEGER |  | This is the FOREIGN KEY from the assessment table |
| cfacultyID | VARCHAR | 4 | This is the FOREIGN KEY from the faculty table  Example: “1801” |
| cenrollID | VARCHAR |  | This is the FOREIGN KEY from the enrollment table |
| cevaluationNO | INTEGER |  | This is the number of evaluations |
| nobtainedMarks | FLOAT |  | This is the marks obtained by the student  Example: “25.5” |