**Data Dictionary**

**School\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| cschoolID | VARCHAR22 | 5 | This is the Primary Key of School Example: “SETS” |
| cschoolName | VARCHAR22 | 50 | This is the name of the School. Example: “School of Engineering, Technology and Science” |

**Department\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| cdepartmentID | VARCHAR22 | 5 | This is the Primary Key of the Department. Example: “CSE” |
| cdepartmentName | VARCHAR22 | 50 | This is the name of the Department. Example: “Computer Science and Engineering” |
| cschool\_id | VARCHAR22 | 5 | This is the Foreign Key of the table School. Example: “SETS” |

**Program\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| cprogramID | VARCHAR22 | 5 | This is the Primary Key for a Program Example:” B.Sc”. |
| cprogramName | VARCHAR22 | 50 | This is the name of the Degree Program. Example: “Bachelor of Science” |
| cdepartment\_id | VARCHAR22 | 5 | This is the Foreign Key from the Department table. Example: “CSE |

**Course\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| ccourseID | VARCHAR22 | **7** | This is the Primary Key for the Course. Example: “CSE203” |
| ccourseName | VARCHAR22 | **50** | This is the name of the Course. Example:” Data Structure” |
| nnoOfCredits | INTEGER | **1** | This is the credit for the Course. Example: ”3” |
| ccourseType | VARCHAR2 | **20** | This is the type of the Course. Example: “Core” |
| cprogram\_id | VARCHAR2 | **5** | This is the Foreign Key from Program table Example:” B.Sc”. |

**Faculty\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| cfacultyID | VARCHAR22 | 4 | This is the Primary Key for Faculty. Example: “1803” |
| cfname | VARCHAR22 | 50 | This is the first name of the Faculty. Example: “​Sadita” |
| clname | VARCHAR22 | 20 | This is the last name of the Faculty Example: “Ahmed” |
| ddateOfBirth | DATE | DD-MM-Y | This the Date of Birth of the Faculty YYY  Example: “01-01-1993” |
| cgender | VARCHAR22 | 1 | This is the gender of the Faculty. Example: “F” |
| cemail | VARCHAR22 | 50 | This is the email address of the Faculty. Example: “sadita@iub.edu.bd” |
| cphone | CHAR | 11 | This is the phone number of the Faculty. Example: “01292383111” |
| caddress | VARCHAR22 | 50 | This is the address of the Faculty. Example: “House 1, Road 1, Sector 1, Area, Dhaka, Bangladesh, |
| cdepartment\_id | VARCHAR22 | 5 | This is the Foreign Key from the Department table. Example: “CSE” |

**Student\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| cstudentID | VARCHAR22 | 7 | This is the Primary Key for the Student. Example: “1800001” |
| cfname | VARCHAR22 | 50 | This is the first name of the Student. Example: “Shoban” |
| clname | VARCHAR22 | 50 | This is the last name of the Student. Example: “Bhowmik” |
| ddateOfBirth | DATE | DD-MM- YYYY | This the Date of Birth of the Student. Example: “01-01-1998” |
| cgender | VARCHAR22 | 1 | This is the gender of the Student. Example: “M” |
| cemail | VARCHAR2 |  | This is the email address of the Student. Example: “1850105@iub.edu.bd” |
| cphone | CHAR | 11 | This is the phone number of the Student. Example: “0191211141” |
| caddress | VARCHAR2 | 50 | This is the address of the Student. Example: “House 1, Road 1, Sector 1, Area, Dhaka, Bangladesh” |
| ncgpa | NUMBER | 3,2 | This is the cgpa of the Student. Example: 4.00 |
| cdepartment\_id | VARCHAR2 | 50 | This is the Foreign Key from the Department table. Example: “CSE” |
| cprogram\_id | VARCHAR2 | 50 | This is the Foreign Key from Program table Example:” B.Sc”. |

**Section\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| nsection\_id | INTEGER |  | This is the Primary Key for Section |
| nsectionNo | INTEGER |  | This is the section number. Example: “1” |
| ccourse\_id | VARCHAR2 | 7 | This is the foreign key from the Course table. Example: “CSE101” |
| cfaculty\_id | VARCHAR2 | 4 | This is the foreign key from Faculty table Example: “CO1” |

**Evaluation\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| nevaluationID | INTEGER |  | This is the Primary Key for Evaluation |
| nobtainedMarks | NUMBER | 5,2 | This is the marks obtained by the Student Example: “29.5” |
| nassessment\_id | INTEGER |  | This is the Foreign Key from Assessment table |

**Enrollment\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| nenrollmentID | INTEGER |  | This is the Primary Key for Enrollment |
| csemester | VARCHAR2 | 6 | This is the semester of Enrollment Example: “Summer” |
| dyear | YEAR | YYYY | This is the year of Enrollment. Example: “2018” |
| ngpa | NUMBER | 3,2 | This is the gpa of the semester. Example: 4.00 |
| nsection\_id | INTEGER |  | This is the Foreign Key from Section table |
| cstudent\_id | VARCHAR2 | 7 | This is the Foreign key from the Student Table. Example: “1800001” |

**Assessment\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| nassessmentID | INTEGER |  | This is the Primary Key for Enrollment |
| cmarks | VARCHAR2 | 6 | This is the semester of Enrollment Example: “Summer” |
| nsection\_id | INTEGER |  | This is the Foreign Key from Section table |
| ncourse\_id | INTEGER |  | This is the Foreign Key from the Course Outcome table Example: |

PLO\_T

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| cplo\_id | VARCHAR22 | 5 | This is the primary key for Program Learning Outcome. Example: “PLO1” |
| cdetails | VARCHAR22 | 50 | This is the details of the Program Learning Outcome. Example: “An ability to select and apply the knowledge, techniques, skills, and modern |
| cprogram\_id | VARCHAR22 | 5 | This is the foreign key from Program table Example: ”B.Sc”. |

**CO\_T**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Data Type** | **Size** | **Remark** |
| nco\_id | INTEGER | 2 | This is the number of the Course Outcome. Example: ”1” |
| ccourse\_id | VARCHAR22 | 7 | This is the Foreign Key from the Course table. Example: “CSE101” |
| cplo\_id | VARCHAR22 | 5 | This is the foreign key from the Program Learning Outcome table. Example: “PLO1” |