DATA DICTIONARY

**REGISTRAR**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| registrar\_id | Unique identifier of REGISTRAR | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| emp\_no | Employee number | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| username | Username of employee | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| password | Password of employee | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| firstName | First name of employee | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| middleName | Middle name of employee | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lastName | Last name of employee | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| section\_ID | Unique identifier of SECTION | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SECTION |
| student\_ID | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |

**STUDENT**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| student\_lrn | Learner reference number of student | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| username | Username of student | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| password | Password of student | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| firstName | First name of student | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| middleName | Middle name of student | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lastName | Last name of student | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| subject\_code | Unique identifier of SUBJECT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SUBJECT |
| card\_id | Unique identifier of REPORT CARD | INTEGER | 99999999999 | 1-99999999999 | Y | FK | REPORT CARD |
| section\_ID | Unique identifier of SECTION | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SECTION |
| enrolled\_by | Unique identifier of REGISTRAR | INTEGER | 99999999999 | 1-99999999999 | Y | FK | REGISTRAR |

**SUBJECT**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| subject\_code | Subject code of the subject | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| subject\_title | Name of the subject | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| subject\_desc | Background description of the subject | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| subject\_unit | Number of units of the subject | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| teacher\_id | Unique identifier of TEACHER | INTEGER | 99999999999 | 1-99999999999 | Y | FK | TEACHER |
| section\_id | Unique identifier of SECTION | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SECTION |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |

**SUBJECT\_has\_STUDENT**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| subject\_code | Subject code of the subject | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SUBJECT |
| section\_id | Unique identifier of SECTION | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SECTION |
| teacher\_id | Unique identifier of TEACHER | INTEGER | 99999999999 | 1-99999999999 | Y | FK | TEACHER |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |

**SUBJECT\_GRADE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| sgrade\_id | Unique identifier of SUBJECT GRADE | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |
| subject\_code | Unique identifier of SUBJECT GRADE | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SUBJECT |
| sgrade\_ww1 | Student grade on written work # 1 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_ww2 | Student grade on written work # 2 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_ww3 | Student grade on written work # 3 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_ww4 | Student grade on written work # 4 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_ww5 | Student grade on written work # 5 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_wwps | Students’ written works percentage score | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_wwws | Students’ written works weighted score | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_pt1 | Student grade on performance task # 1 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_pt2 | Student grade on performance task # 2 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_pt3 | Student grade on performance task # 3 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_pt4 | Student grade on performance task # 4 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_pt5 | Student grade on performance task # 5 | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_qa | Student grade on quarterly assessment | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_ptps | Students’ performance tasks percentage score | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| sgrade\_ptws | Students’ performance tasks weighted score | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| QuarterlyGrade | Unique identifier of SUBJECT GRADE | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| teacher\_id | Unique identifier of TEACHER | INTEGER | 99999999999 | 1-99999999999 | Y | FK | TEACHER |

**REPORT CARD**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| card\_id | Unique identifier of REPORT CARD | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |
| classAdviser\_id | Unique identifier of CLASS ADVISER | INTEGER | 99999999999 | 1-99999999999 | Y | FK | CLASS ADVISER |
| card\_desc | Report card description | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| card\_quarter | Quarter # of the report card | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| card\_GeneralAverage | General average of the student | INTEGER | 99999999999 | 1-99999999999 | Y |  |  |
| subject\_code | Unique identifier of SUBJECT GRADE | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SUBJECT GRADE |
| QuarterlyGrade | Unique identifier of SUBJECT GRADE | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SUBJECT GRADE |
| attendance\_id | Unique identifier of ATTENDANCE | INTEGER | 99999999999 | 1-99999999999 | Y | FK | ATTENDANCE |
| lov\_id | Unique identifier of LEARNER OBSERVED VALUES(LOV) | INTEGER | 99999999999 | 1-99999999999 | Y | FK | LEARNER OBSERVED VALUES |

**ATTENDANCE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| attendance\_id | Unique identifier of ATTENDANCE | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |
| attendance\_month | Month identifier | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| attendance\_days | Day identifier | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| attendance\_present | Student attendance | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| attendance\_absent | Student attendance | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| classAdviser\_id | Unique identifier of CLASS ADVISER | INTEGER | 99999999999 | 1-99999999999 | Y | FK | CLASS ADVISER |

**LEARNER OBSERVED VALUES**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| lov\_id | Unique identifier of LEARNER OBSERVED VALUES(LOV) | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |
| lov\_remarks1 | 1st Remarks on LOV | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lov\_remarks2 | 2nd Remarks on LOV | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lov\_remarks3 | 3rd Remarks on LOV | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lov\_remarks4 | 4th Remarks on LOV | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lov\_remarks5 | 5th Remarks on LOV | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| classAdviser\_id | Unique identifier of CLASS ADVISER | INTEGER | 99999999999 | 1-99999999999 | Y | FK | CLASS ADVISER |

**PARENT**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| parent\_id | Unique identifier of PARENT | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| username | Username of parent | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| password | Password of parent | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| firstName | First name of parent | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| middleName | Middle name of parent | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lastName | Last name of parent | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| sgrade\_id | Unique identifier of SUBJECT GRADE | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SUBJECT GRADE |

**TEACHER**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| teacher\_id | Unique identifier of TEACHER | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| username | Username of teacher | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| password | Password of teacher | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| firstName | First name of teacher | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| middleName | Middle name of teacher | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lastName | Last name of teacher | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |

**CLASS ADVISER**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| classAdviser\_id | Unique identifier of CLASS ADVISER | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| teacher\_id | Unique identifier of TEACHER | VARCHAR(45) | Sample text here | 45 characters | Y | FK | TEACHER |
| section\_id | Unique identifier of SECTION | INTEGER | 99999999999 | 1-99999999999 | Y | FK | SECTION |
| section\_name | Unique identifier of SECTION | VARCHAR(45) | Sample text here | 45 characters | Y | FK | SECTION |

**PRINCIPAL**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| principal\_id | Unique identifier of PRINCIPAL | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| username | Username of principal | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| password | Password of principal | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| firstName | First name of principal | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| middleName | Middle name of principal | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| lastName | Last name of principal | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |

**SECTION**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| section\_id | Unique identifier of SECTION | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| section\_name | Unique identifier of SECTION | VARCHAR(45) | Sample text here | 45 characters | Y | PK |  |
| year\_id | Unique identifier of YEAR LEVEL | VARCHAR(45) | Sample text here | 45 characters | Y | FK | YEAR LEVEL |
| assigned\_by | Unique identifier of REGISTRAR | INTEGER | 99999999999 | 1-99999999999 | Y | FK | REGISTRAR |
| classAdviser\_id | Unique identifier of REGISTRAR | INTEGER | 99999999999 | 1-99999999999 | Y | FK | CLASS ADVISER |
| teacher\_id | Username of employee | VARCHAR(45) | Sample text here | 45 characters | Y | FK | TEACHER |
| student\_id | Unique identifier of STUDENT | INTEGER | 99999999999 | 1-99999999999 | Y | FK | STUDENT |

**YEAR LEVEL**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute Name | Description | Type | Format | Range | Required | PK or FK | FK Referenced Table |
| year\_id | Unique identifier of YEAR LEVEL | INTEGER | 99999999999 | 1-99999999999 | Y | PK |  |
| year\_level | Year level of the section | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| year\_quarter | Year quarter | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |
| year\_desc | Description of the year level | VARCHAR(45) | Sample text here | 45 characters | Y |  |  |