1. Users
2. Regional Director

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Regional\_ID | Integer | 11 | Unique number ID for all regional director | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Regional\_fname | Varchar | 20 | First name for regional director | Rhea |
| Regional\_mname | Varchar | 20 | Middle name for guidance | Morales |
| Regional\_lname | Varchar | 20 | Last name for regional director | Ayungon |
| Regional\_region | Varchar | 10 | region location for regional director | NCR |
| Regional\_address | Varchar | 50 | Address for regional director | Bangkal, Makati |
| Regional\_email | Varchar | 20 | Email for regional director | Rmayungon2@gmail.com |
| Regional\_contact | Integer | 11 | Contact for regional director | 09567890765 |

1. Division Superintendent

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Division\_ID | Integer | 11 | Unique number ID for all division superintendent | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Division\_fname | Varchar | 20 | First name for division superintendent | Rhea |
| Division\_mname | Varchar | 20 | Middle name for division superintendent | Morales |
| Division\_lname | Varchar | 20 | Last name for division superintendent | Ayungon |
| Division\_district | Varchar | 10 | District location for division superintendent | Ilocos Norte |
| Division\_address | Varchar | 50 | Address for division superintendent | Ilocos Norte |
| Division\_email | Varchar | 20 | Email for guidance | Rmayungon2@gmail.com |
| Division\_contact | Integer | 11 | Contact for division superintendent | 09567890765 |

1. District Administrator

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| District\_ID | Integer | 11 | Unique number ID for all principal | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| District\_fname | Varchar | 20 | First name for principal | Rhea |
| District\_mname | Varchar | 20 | Middle name for principal | Morales |
| District\_lname | Varchar | 20 | Last name for principal | Ayungon |
| District\_district | Varchar | 10 | District location for principal | NCR |
| District\_address | Varchar | 50 | Address for principal | Bangkal, Makati |
| District\_email | Varchar | 20 | Email for principal | Rmayungon2@gmail.com |
| District\_contact | Integer | 11 | Contact for principal | 09567890765 |

1. Principal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Principal\_ID | Integer | 11 | Unique number ID for all guidance | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Principal\_fname | Varchar | 20 | First name for guidance | Rhea |
| Principal\_mname | Varchar | 20 | Middle name for guidance | Morales |
| Principal\_lname | Varchar | 20 | Last name for guidance | Ayungon |
| Principal\_district | Varchar | 10 | District location for guidance | NCR |
| Principal\_address | Varchar | 50 | Address for guidance | Bangkal, Makati |
| Principal\_email | Varchar | 20 | Email for guidance | Rmayungon2@gmail.com |
| Principal\_contact | Integer | 11 | Contact for guidance | 09567890765 |

1. Guidance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Guidance\_ID | Integer | 11 | Unique number ID for all guidance | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Guidance\_fname | Varchar | 20 | First name for guidance | Rhea |
| Guidance\_mname | Varchar | 20 | Middle name for guidance | Morales |
| Guidance\_lname | Varchar | 20 | Last name for guidance | Ayungon |
| Guidance\_district | Varchar | 10 | District location for guidance | NCR |
| Guidance\_address | Varchar | 50 | Address for guidance | Bangkal, Makati |
| Guidance\_email | Varchar | 20 | Email for guidance | Rmayungon2@gmail.com |
| Guidance\_contact | Integer | 11 | Contact for guidance | 09567890765 |

1. Registrar

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Registrar\_ID | Integer | 11 | Unique number ID for all registrar | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Registrar\_fname | Varchar | 20 | First name for registrar | Rhea |
| Registrar\_mname | Varchar | 20 | Middle name for registrar | Morales |
| Registrar\_lname | Varchar | 20 | Last name for registrar | Ayungon |
| Registrar\_district | Varchar | 10 | District location for registrar | NCR |
| Registrar\_address | Varchar | 50 | Address for registrar | Bangkal, Makati |
| Registrar\_email | Varchar | 20 | Email for registrar | Rmayungon2@gmail.com |
| Registrar\_contact | Integer | 11 | Contact for registrar | 09567890765 |

1. Teacher

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Teacher\_ID | Integer | 11 | Unique number ID for all teacher | 764987 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Teacher\_fname | Varchar | 20 | First name for teacher | Rhea |
| Teacher\_mname | Varchar | 20 | Middle name for teacher | Morales |
| Teacher\_lname | Varchar | 20 | Last name for teacher | Ayungon |
| Teacher\_district | Varchar | 10 | District location for teacher | NCR |
| Teacher\_address | Varchar | 50 | Address for teacher | Bangkal, Makati |
| Teacher\_email | Varchar | 20 | Email for teacher | Rmayungon2@gmail.com |
| Teacher\_contact | Integer | 11 | Contact for teacher | 09567890765 |

1. Student

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Student\_ID | Integer | 11 | Unique number ID for all student | 2015-10053 |
| User\_ID | Integer | 11 | Unique number ID for all user | 387678 |
| School\_ID | Integer | 11 | Unique number ID  for all school | 342134 |
| Student\_fname | Varchar | 20 | First name for student | Rhea |
| Student\_mname | Varchar | 20 | Middle name for student | Morales |
| Student\_lname | Varchar | 20 | Last name for student | Ayungon |
| Student\_district | Varchar | 10 | District location for student | NCR |
| Student\_address | Varchar | 50 | Address for student | Bangkal, Makati |
| Student\_email | Varchar | 20 | Email for student | Rmayungon2@gmail.com |
| Student\_contact | Ineteger | 11 | Contact for student | 09567890765 |

1. Entities
2. Exam

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | | Description | Example |
| Exam\_ID | Integer | 11 | | Unique number ID for all exam | 434567 |
| Exam\_Date | Date | 11 | | Date for exam | 06/28/2018 |
| Exam\_Passing\_Mark | Integer | 11 | | Passing Mark for exam | 70 |
| Exam\_Max | Int | 20 | | Highest possible grade for an exam | 10 |
| Student\_LRN | Varchar | 20 | | Unique number ID for all students | 7137314 |
| Student\_ID | Integer | 20 | Unique number ID for all students within school | | 2015-10053 |
| Student\_School | Varchar | 10 | | School for students | Bangkal High School Main |
| Subject\_Code | Integer | 7 | | Subject code for exams | 6743256 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | | Description | Example |
| Exam\_ID | Integer | 11 | | Unique number ID for all exam | 434567 |
| Exam\_Date | Date | 11 | | Date for exam | 06/28/2018 |
| Exam\_Passing\_Mark | Integer | 11 | | Passing Mark for exam | 70 |
| Exam\_Max | Int | 20 | | Highest possible grade for an exam | 10 |
| Student\_LRN | Varchar | 20 | | Unique number ID for all students | 7137314 |
| Student\_ID | Integer | 20 | Unique number ID for all students within school | | 2015-10053 |
| Student\_School | Varchar | 10 | | School for students | Bangkal High School Main |
| Subject\_Code | Integer | 7 | | Subject code for exams | 6743256 |

1. Student Answer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Student\_Answer\_ID | Integer | 11 | Unique number ID for all student | 36236 |
| Question\_Number | Varchar | 45 | Unique number ID for all question | 5 |
| Student\_Answer | Varchar | 45 | Answer for student | A |
| Exam\_ID | Integer | 11 | Unique number ID for all exam | 567 |
| Student\_LRN | Varchar | 20 | Unique number ID for all students | 263572 |
| Subject\_Code | Integer | 20 | Subject code for exams | 6743256 |
| Scanner\_ID | Integer | 11 | Unique number ID for scanner | 34873 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Student\_Answer\_ID | Integer | 11 | Unique number ID for all student | 36236 |
| Question\_Number | Varchar | 45 | Unique number ID for all question | 5 |
| Student\_Answer | Varchar | 45 | Answer for student | A |
| Exam\_ID | Integer | 11 | Unique number ID for all exam | 567 |
| Student\_LRN | Varchar | 20 | Unique number ID for all students | 263572 |
| Subject\_Code | Integer | 20 | Subject code for exams | 6743256 |
| Scanner\_ID | Integer | 11 | Unique number ID for scanner | 34873 |

1. Scanner

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Scanner\_ID | Integer | 11 | Unique number ID for scanner | 6724 |
| Scanner\_Model | Varchar | 45 | Model of a scanner | KV-S6789 |
| Scanner\_Ports | Varchar | 45 | Ports of a scanner | USB |
| Scanner\_Item | Varchar | 11 | Unique number item ID for all scanner | KST-5578 |
| Scanner\_Type | Varchar | 20 | Type of a scanner | ADF |

1. School

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| School\_ID | Integer | 11 | Unique number ID for all school | 543757 |
| School\_Name | Varchar | 45 | Name of school | Bangkal Main High school |
| School\_Address | Varchar | 45 | Address for schools | Bangkal, Makati |
| School\_Principal | Varchar | 45 | Principal of school | Rhea Ayungon |
| School\_District | Integer | 11 | District location of school | Makati |
| School\_Division | Varchar | 20 | Division location of school | Makati |
| School\_Region | Integer | 20 | Region location of school | NCR |
| Student\_ID (FK) |  |  |  |  |
| School\_Budget | Integer | 20 | Budget for schools | 6,000,000 |
| School\_Population | Inetger | 20 | Population for schools | 600 |

1. Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Results\_ID | Integer | 11 | Unique number ID for all student | 356355 |
| Results\_Quarter | Varchar | 45 | Unique number ID for all question | 1st Quarter |
| Results\_Grade | Integer | 11 | Grade of a result | 8 |
| Results\_Subject | Varchar | 45 | Result for a specific subject | Science |
| Results\_Average | Integer | 20 | Average score of a result | 5 |

1. Analytics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Analytics\_ID | Integer | 11 | Unique number ID for the analytics | 356777 |
| Analytics\_Quarter | Varchar | 45 | Quarter for Analytics result | 1st Quarter |
| Analytics\_Grade | Integer | 11 | Grade of a result | 10 |
| Analytics\_Subject | Varchar | 45 | Analytic result for a subject | Science |
|  |  |  |  |  |
|  |  |  |  |  |