#DATA DICTIONARY

ADMIN TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Admin ID | Integer(PK) | 10 | Unique Integer ID for all Admin | 12345 |
| First Name | VarChar | 30 | First Name for Admin | Joy |
| Last Name | VarChar | 30 | Last Name for Admin | Peter |
| Phone Number | Integer | 15 | Phone No. for Admin | 08136458901 |
| Email | VarChar | 40 | Email Address for Admin | ify@gmail.com |
| Password | VarChar | 100 | Password for Admin | Ldsldkl322$^&ue |
| Picture | Byte | 200 | Picture for Admin | Photo |
| Status | VarChar | 10 | Status for Admin | Active/inactive |
| Salt | VarChar | 200 | Salt for Admin password | %&889390393893839 |
| Date | DateTime | 20 | Date of Record Entry | 01/01/2020:1:35 PM |

AGENT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| ID | Integer(PK) | 10 | Unique Integer ID for all Agent | 12345 |
| Exam ID | Integer (FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Exam Title | VarChar | 50 | Title of Exam | English,Maths |
| Agent Status | VarChar | 10 | Status for Agent | Active |
| Exam Status | VarChar | 10 | Status for Exam | Pending |

ALERT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| ID | Integer(PK) | 10 | Unique Integer ID for all Alert | 12345 |
| Exam ID | Integer (FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Exam | VarChar | 50 | Title of Exam | English |
| Full Name | VarChar | 30 | Name of Student | James |
| Offense | VarChar | 20 | Offense of the students | Impersonation |
| Time | DateTime | 20 | Time of the Offense | 12:00pm |
| Status | VarChar | 10 | Status for Exam | In Progress |

EXAM TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Exam ID | Integer(PK) | 10 | Unique Integer ID for all Exam | 12345 |
| Admin ID | Integer(FK) | 10 | Unique Integer ID for all Admin | 12345 |
| Exam Title | VarChar | 50 | Title of Exam | Maths |
| Exam Date Time | DateTime | 20 | Date and time for Exam | 1/0/20 1:20pm |
| Total Question | Integer | 10 | Number of Question | 5,80,100 |
| Marks per right answer | Integer | 10 | Mark for correct answers | 1,2,3 |
| Marks\_per wrong answer | Integer | 10 | Mark for wrong answers | -1,-2,0 |
| Exam Status | VarChar | 20 | Status of Exam | Pending |
| Exam Code | VarChar | 50 | Unique ID for Exam | %6g2js42888 |
| Date Created | DateTime | 20 | Exam Creation Date | 1/0/20 1:20pm |

QUESTION TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Question ID | Integer(PK) | 10 | Unique Integer ID for all Question | 12345 |
| Exam ID | Integer(FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Question Title | VarChar | 100 | Exam Question | What is a noun? |
| Answer Option | VarChar | 10 | Correct Option for Exam Question | A,B,C,D |
| Option 1 | VarChar | 100 | Option for Exam Question | A,B,C,D |
| Option 2 | VarChar | 100 | Option for Exam Question | A,B,C,D |
| Option 3 | VarChar | 100 | Option for Exam Question | A,B,C,D |
| Option 4 | VarChar | 100 | Option for Exam Question | A,B,C,D |

RESULT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| ID | Integer(PK) | 10 | Unique Integer ID for all Result | 12345 |
| Student ID | Integer(FK) | 10 | Unique Integer ID for all Student | 12345 |
| Exam ID | Integer(FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Full Name | VarChar | 50 | Full Name For Student | Samuel |
| Questions | Integer | 10 | Number of Question answered | 50,60 |
| Mark Obtained | Integer | 10 | Total Marks Obtained | 1,2,4,10 |
| Date | Date Time | 20 | Date and time of the Exam | 01/01/2020 1:45 PM |

SENT NOTIFICATION TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| NID | Integer(PK) | 10 | Unique Integer ID for all Notice | 12345 |
| Exam ID | Integer(FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Admin ID | Integer(FK) | 10 | Unique Integer ID for all Admin | 12345 |
| Title | VarChar | 50 | Notification Title | Notice |
| Message | VarChar | 200 | Notification Message | Time’s up |
| Status | VarChar | 20 | Message Status | Sent |
| Date | Date Time | 10 | Date and time of the Notice | 01/01/2020 1:45 PM |

USER LOG TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| ID | Integer(PK) | 10 | Unique Integer ID for all Log | 12345 |
| Admin ID | Integer(FK) | 10 | Unique Integer ID for all Admin | 12345 |
| Full Name | VarChar | 50 | Full Name for the User | Tobi Adeola |
| Access Level | VarChar | 50 | Access Level for the User | Admin |
| Date Time | Date Time | 20 | Date and time of user login | 01/01/2020 1:45 PM |

EXAM ENROLLMENT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Student Enrollment ID | Integer(PK) | 10 | Unique Integer ID for all Enrollment | 12345 |
| Student ID | Integer(FK) | 10 | Unique Integer ID for all Student | 12345 |
| Exam ID | Integer(FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Exam Status | VarChar | 20 | Current Status of the Exam | pending |

STUDENT TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| Student ID | Integer(PK) | 10 | Unique Integer ID for all Student | 1234 |
| First Name | VarChar | 30 | First Name For Student | Sam |
| Middle Name | VarChar | 30 | Middle Name For Student | Joe |
| Last Name | VarChar | 30 | Last Name For Student | Abah |
| Email | VarChar | 50 | Email Address For Student | Flow@yahoo.com |
| Phone Number | Integer | 30 | Phone Number For Student | 07033456678 |
| Password | VarChar | 100 | Password For Student | D778383hd@# |
| Mother Maiden Name | VarChar | 50 | Mother Maiden Name for student | Mary |
| User Image | Byte | 1000 | User Image For Student | Photo |
| Favorite Food | VarChar | 20 | Favorite Food For Student | Rice |
| Favorite Sport | VarChar | 20 | Favorite Sport For Student | Football |
| Pet Name | VarChar | 20 | Pet Name For Student | Jack |
| State | VarChar | 20 | State For Student | Lagos |
| LGA | VarChar | 20 | LGA For Student | Shomolu |
| Date of Birth | VarChar | 20 | Date of birth For Student | 01/01/1985 |
| Town | VarChar | 20 | Town For Student | Abuja |
| Salt | VarChar | 200 | Salt For Student Password | %^#&&#\*##()# |
| Date | Date Time | 20 | Date and Time of Registration | 01/01/2020 1:45 PM |

AGENT LOGS TABLE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| AGENT ID | Integer(PK) | 10 | Unique Integer ID for all Agent | 12345 |
| Student ID | Integer(FK) | 10 | Unique Integer ID for all Student | 12345 |
| Exam ID | Integer(FK) | 10 | Unique Integer ID for all Exam | 12345 |
| Score | Varchar | 20 | Score of the Student | pending |
| Time | Integer | 20 | Time Taken for the assessment | 1,4,6,7 |
| Classification | Varchar | 20 | Result of the prediction | Threat |
| Date Time | Date Time | 20 | Date and Time of Assessment | 01/01/2020 1:45 PM |