|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Table | Attribute | Field Properties | | | PK/FK | Reference |
| Datatype | Format | Required |
| DataBase | SCHOOL |  |  |  |  |  |
| tbStudent | ID | GUID |  |  |  |  |
|  | StudentID | Nvarchar |  |  |  |  |
|  | FullName | Nvarchar |  |  |  |  |
|  | Gender | Nvarchar |  |  |  |  |
|  | BirthDate | Date |  |  |  |  |
|  | BirthPlace | Nvarchar |  |  |  |  |
|  | FatherName | Nvarchar |  |  |  |  |
|  | FatherJob | Nvarchar |  |  |  |  |
|  | MotherName | Nvarchar |  |  |  |  |
|  | MotherJob | Nvarchar |  |  |  |  |
|  | CurrentPlace | Nvarchar |  |  |  |  |
|  | Contact | Nvarchar |  |  |  |  |
|  | Active | Bit |  |  |  |  |
|  | Photo | Varbinary |  |  |  |  |
| tbClass | ID | GUID |  |  |  |  |
|  | Name | Narchar |  |  |  |  |
| tbStudentDetail | ID | GUID |  |  |  |  |
|  | StudentID | GUID |  |  |  | tbStudent |
|  | ClassID | GUID |  |  |  | tbClass |
|  | StudentFrom | Nvarchar |  |  |  |  |
|  |  |  |  |  |  |  |
| tbSubject | ID | GUID |  |  |  |  |
|  | Name | Nvarchar |  |  |  |  |
| tbTeacher | ID | GUID |  |  |  |  |
|  | SubjectID | GUID |  |  |  | tbSubject |
|  | Name | Nvarchar |  |  |  |  |
|  | Gender | Nvarchar |  |  |  |  |
|  | Phone | Nvarchar |  |  |  |  |
| tbAttendance | ID | GUID |  |  |  |  |
|  | StudentDetailID | GUID |  |  |  | tbStudentDetail |
|  | SubjectID | GUID |  |  |  | tbSubject |
|  | AttendanceDate | Date |  |  |  |  |
|  | Absent | Int |  |  |  |  |
|  | Permission | Int |  |  |  |  |
| tbScore | ID | GUID |  |  |  |  |
|  | ScoreType | Nvarchar |  |  |  |  |
|  | MontlyDate | Date |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| tbScoreDetail | ID | GUID |  |  |  |  |
|  | ScoreID | GUID |  |  |  | tbScore |
|  | StudentDetailID | GUID |  |  |  | tbStudentDetail |
|  | Khmer | Float |  |  |  |  |
|  | I | Float |  |  |  |  |
|  | History | Float |  |  |  |  |
|  | Geography | Float |  |  |  |  |
|  | Math | Float |  |  |  |  |
|  | Physic | Float |  |  |  |  |
|  | Chemistry | Float |  |  |  |  |
|  | Biology | Float |  |  |  |  |
|  | Earth | Float |  |  |  |  |
|  | English | Float |  |  |  |  |
|  | ICT | Float |  |  |  |  |
|  | HomeEd | Float |  |  |  |  |
|  | ArtEd | Float |  |  |  |  |
|  | SportEd | Float |  |  |  |  |
|  | Agriculture | Float |  |  |  |  |
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