Design Data Dictionary

Table name	Description
StudentTable	Table for storing data for students involved in the system
ParentTable	Table for storing data for parents involved in the system
MentorTable	Table for storing data for mentors involved in the system
MeetingTable	Table for storing all the meetings across the entire system
TargetTable	Table for storing individual targets within each meeting
FileTable	Table for storing files associated with a particular meeting
RequestTable	Table for storing information on user requests from adding contacts

StudentTable

Written field name	Description	Structure	Key
StudentID	Unique student number	Integer[3]	Primary
StudentLogin	Login account for student	String[15]	
StudentPassword	Password for student account	String[12]	
StudentFirstName	Student forename	String[15]	
StudentSurname	Student surname	String[20]	
StudentEmail	Student email address (if any)	String[40]	
StudentPhoneNumber	Student phone number (if any)	Integer[11]	
StudentForm	Student's form group	String[5]	
ParentID	Unique parent number which student is connected with	Integer[3]	Foreign
MentorID	Unique mentor number which student is connected with	Integer[3]	Foreign

ParentTable

Written field name	Description	Structure	Key
ParentID	Unique parent number	Integer[3]	Primary
ParentLogin	Login account for parent	String[15]	
ParentPassword	Password for parent account	String[12]	
ParentFirstName	Parent forename	String[15]	
ParentSurname	Parent surname	String[20]	
ParentEmail	Parent email address (if any)	String[40]	
ParentPhoneNumber	Parent phone number (if any)	Integer[11]	

MentorTable

Written field name	Description	Structure	Key
MentorID	Unique mentor number	Integer[3]	Primary
MentorLogin	Login account for mentor	String[15]	
MentorPassword	Password for mentor account	String[12]	
MentorFirstName	Mentor forename	String[15]	
MentorSurname	Mentor surname	String[20]	
MentorEmail	Mentor email address (if any)	String[40]	
MentorPhoneNumber	Mentor phone number (if any)	Integer[11]	

MeetingTable

Written field name	Description	Structure	Key
MeetingID	Unique identification code for individual meetings	Integer[4]	Primary
MeetingDate	Date of meeting	Date	
StudentID	Number of student who meeting relates to	Integer[3]	Foreign
MentorID	Number of mentor who meeting relates to	Integer[3]	Foreign

TargetTable

Written field name	Description	Structure	Key
TargetID	Unique identification code for target	Integer[4]	Primary
MeetingID	Identification code for meeting target relates to	Integer[4]	Foreign
StudentTarget	Target for student to complete	Text	
MentorTarget	Target for mentor to complete (if applicable)	Text	
DateDue	Date for target to be completed by	Date	
StudentComment	Student may enter comment about the target in this field	Text	
ParentComment	Parent may enter comment about the target in this field	Text	
MentorComment	Mentor may enter comment about the target in this field	Text	
TargetMetYet	This is set to one of two values, default is 0, which means target is not met, and 1, which means target has been met	Integer[1]	

FileTable

Written field name	Description	Structure	Key
FileID	Unique identification for file which has been uploaded	Integer[4]	Primary
MeetingID	Meeting which the file belongs to	Integer[4]	Foreign
UserType	Defines which type of user uploaded the file	Integer[1]	
UserID	Uploader ID is recorded so that file can be associated with particular individual user	Integer[3]	Foreign
FileName	Full name of file	String[30]	
FileExtension	File extension (type)	String[5]	
FileSize	Size of file (bytes)	Integer[7]	
FileResourceLocation	URL link to file so that user may access the file	String[35]	

RequestTable

Written field name	Description	Structure	Key
RequestID	Unique numeric code for each separate request	Integer[4]	Primary
RequesterUserType	User type for user who added contact	Integer[1]	

RequesterUserID	User ID for user who added contact	Integer[3]	Foreign
RequestedUserType	User type for user who was added as a contact	Integer[1]	
RequestedUserID	User ID for user who was added as a contact	Integer[3]	Foreign