EduBright Database Design

Entity: Role

Identifier: RoleID

Attributes: RoleName

Entity: User

Identifier: UserID

Attributes: FirstName, LastName, Email, UserName, Password, RoleID (FK)

Entity: TutorStudent

Identifier: TutorStudentID

Attributes: Subject, TutorID (UserID Foreign Key), StudentID (UserID Foreign Key)

Entity: ParentStudent

Identifier: ParentStudentID

Attributes: ParentID (UserID Foreign Key), StudentID (UserID Foreign Key)

Entity: Assignment

Identifier: AssignmentID

Attributes: AssignmentTitle, UniqueLink, AssignedTime, TutorID (UserID Foreign Key)

Entity: GeneratedQuestion

Identifier: GeneratedQuestionID

Attributes: PromptID, QuestionType, QuestionText, ChoiceA, ChoiceB, ChoiceC, ChoiceD, CorrectAnswer, Approved

Entity: Questions

Identifier: QuestionID

Attributes: QuestionType, QuestionText, ChoiceA, ChoiceB, ChoiceC, ChoiceD, CorrectAnswer, AssignmentID Foreign Key

Entity: StudentAssignmentAccess

Identifier: StudentAssignmentAccessID

Attributes: AttempsAllowd, AttemptsUsed, AssignedTime, CompletedTime, CompletedLink, Score, StudentID (UserID Foreign Key), AssignmentID Foreign Key

Entity: StudentAnswer

Identifier: StudentAnswerID

Attributes: SelectedAnswer, IsCorrect, StudentAssignmentAccessID Foreign Key, QuestionID Foreign Key