ExamProject

Tables:

Procedures:

Tables:

Table dbo.Course *(2 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	course_id	int			
	course_name	nchar(20)		X	

Indexes:

> **PK_Course** *(Primary Key) (Clustered)*
>
> > course_id

Referenced by:

> **dbo.Exam** *(course_id)*
>
> **dbo.Inst_course** *(course_id)*
>
> **dbo.Question** *(course_id)*
>
> **dbo.Stud_course** *(course_id)*
>
> **dbo.Topic** *(course_id)*

Used by:

> **Procedure dbo.update_course**

Table dbo.Department *(4 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	dept_id	int			
	dept_name	nchar(50)		X	

Indexes:

> **PK_Department** *(Primary Key) (Clustered)*
>
> > dept_id

Referenced by:

> **dbo.Instructor** *(dept_id)*
>
> **dbo.Student** *(dept_id)*

Used by:

> **Procedure dbo.update_dept**

Table dbo.Exam *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	exam_id	int			
	duration	time		X	
FK	course_id	int			

Indexes:

PK_Exam *(Primary Key) (Clustered)*

    exam_id

References:

dbo.Course *(course_id)*

Referenced by:

dbo.Q_ex_stud *(ex_id -> exam_id)*

Used by:

Procedure dbo.update_exam

Table dbo.Exam_choices *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	Q_id	int			
PK	choices	nvarchar(100)			

Indexes:

PK_Exam_choices *(Primary Key) (Clustered)*

    Q_id
    choices

References:

dbo.Question *(Q_id)*

Used by:

Procedure dbo.update_question_choices

Table dbo.Inst_course *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	course_id	int			
PK, FK	inst_id	int			

Indexes:

PK_Inst_course *(Primary Key) (Clustered)*

    course_id
    inst_id

References:

dbo.Course *(course_id)*

dbo.Instructor *(inst_id)*

Used by:

Procedure dbo.update_instructor_courses

Table dbo.Instructor *(3 rows)*

	Column	Data Type	Identity	Nullable	Default

PK	inst_id	int			
	inst_name	nchar(50)		X	
FK	dept_id	int			

Indexes:

> **PK_Instructor** *(Primary Key) (Clustered)*
>
>> inst_id

References:

> **dbo.Department** *(dept_id)*

Referenced by:

> **dbo.Inst_course** *(inst_id)*

Used by:

> **Procedure dbo.update_inst**

Table dbo.Q_ex_stud *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	Q_id	int			
PK, FK	ex_id	int			
PK, FK	stud_id	int			
	std_answer	nchar(20)		X	

Indexes:

> **PK_Q_ex_stud** *(Primary Key) (Clustered)*
>
>> Q_id
>> ex_id
>> stud_id

References:

> **dbo.Exam** *(ex_id -> exam_id)*
>
> **dbo.Question** *(Q_id)*
>
> **dbo.Student** *(stud_id -> std_id)*

Used by:

> **Procedure dbo.update_q_stud_answer**

Table dbo.Question *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	Q_id	int			
	Question	nvarchar(max)		X	
	Q_type	nchar(20)		X	
	Q_model_answer	nvarchar(max)		X	
	grade	int		X	
FK	course_id	int			

Indexes:

PK_Question *(Primary Key) (Clustered)*

Q_id

References:

dbo.Course *(course_id)*

Referenced by:

dbo.Exam_choices *(Q_id)*

dbo.Q_ex_stud *(Q_id)*

Used by:

Procedure dbo.update_course_questions

Procedure dbo.update_course_questions2

Table dbo.Stud_course *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK, FK	course_id	int			
PK, FK	stud_id	int			
	course_grade	int		X	

Indexes:

PK_Stud_course *(Primary Key) (Clustered)*

course_id
stud_id

References:

dbo.Course *(course_id)*

dbo.Student *(stud_id -> std_id)*

Used by:

Procedure dbo.update_std_courses

Table dbo.Student *(4 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	std_id	int			
	f_name	nchar(20)		X	
	l_name	nchar(20)		X	
FK	dept_id	int			

Indexes:

PK_Student *(Primary Key) (Clustered)*

std_id

References:

dbo.Department *(dept_id)*

Referenced by:

dbo.Q_ex_stud *(stud_id -> std_id)*

dbo.Stud_course *(stud_id -> std_id)*

Used by:

      Procedure dbo.update_stud

Table dbo.Topic *(0 rows)*

	Column	Data Type	Identity	Nullable	Default
PK	topic_id	int			
	topic_name	nchar(50)		X	
FK	course_id	int			

Indexes:

      PK_Topic *(Primary Key) (Clustered)*

            topic_id

References:

      dbo.Course *(course_id)*

Used by:

      Procedure dbo.update_course_topics

Procedures:

Procedure dbo.update_course

Parameter	Data Type	Default	Is Output
@id	int		
@name	nchar(20)		

Uses:

    Table dbo.Course

Procedure dbo.update_course_questions

Parameter	Data Type	Default	Is Output
@id	int		
@Q_id	int		
@Question	nvarchar(max)		
@Q_type	nchar(20)		
@Q_model_answer	nvarchar(max)		
@grade	int		

Uses:

    Table dbo.Question

Procedure dbo.update_course_questions2

Parameter	Data Type	Default	Is Output
@id	int		
@Question	nvarchar(max)		
@Q_type	nchar(20)		
@Q_model_answer	nvarchar(max)		
@grade	int		
@course_id	int		

Uses:

    Table dbo.Question

Procedure dbo.update_course_topics

Parameter	Data Type	Default	Is Output
@id	int		
@topic_name	nchar(50)		
@topic_id	int		

Uses:

    Table dbo.Topic

Procedure dbo.update_dept

Parameter	Data Type	Default	Is Output
@id	int		
@name	nchar(50)		

Uses:

       Table dbo.Department

Procedure dbo.update_exam

Parameter	Data Type	Default	Is Output
@id	int		
@duration	time		
@course_id	int		

Uses:

       Table dbo.Exam

Procedure dbo.update_inst

Parameter	Data Type	Default	Is Output
@id	int		
@name	nchar(50)		
@dept_id	int		

Uses:

       Table dbo.Instructor

Procedure dbo.update_instructor_courses

Parameter	Data Type	Default	Is Output
@id	int		
@course_id	int		

Uses:

       Table dbo.Inst_course

Procedure dbo.update_q_stud_answer

Parameter	Data Type	Default	Is Output
@id	int		
@Q_id	int		
@ex_id	int		
@std_answer	nchar(20)		

Uses:

       Table dbo.Q_ex_stud

Procedure dbo.update_question_choices

Parameter	Data Type	Default	Is Output
@id	int		
@choices	nchar(100)		

Uses:

       Table dbo.Exam_choices

Procedure dbo.update_std_courses

Parameter	Data Type	Default	Is Output
@id	int		
@course_id	int		
@course_grade	int		

Uses:

       Table dbo.Stud_course

Procedure dbo.update_stud

Parameter	Data Type	Default	Is Output
@id	int		
@first_name	nchar(20)		
@last_name	nchar(20)		
@dept_id	int		

Uses:

       Table dbo.Student