

Generated using SQL Data Dictionary demo version.

Examination_System

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Tables:

Table dbo.Course (4 rows)

	Column	Data Type	Identity	Nullable	Default
PK	CID	smallint			
	Course_Name	varchar(20)		X	
FK	Ins_ID	smallint		X	

Indexes:

PK_Course (Primary Key) (Clustered)

CID

References:

dbo.instructor (Ins_ID)

Referenced by:

dbo.Dept_Course (CID)

dbo.Exam (CID)

dbo.Question (CID)

dbo.student_course (CID)

dbo.topic (CID)

Used by:

Procedure dbo.course_topics

Procedure dbo.delete_course

Procedure dbo.Exam_generation

Procedure dbo.ins_course

Procedure dbo.insert_course

Procedure dbo.select_course

Procedure dbo.Select_Courses

Procedure dbo.SelectInstCourses

Procedure dbo.SelectStudentGrades

Procedure dbo.student_grades

Procedure dbo.update_course_instructor

Procedure dbo.update_coursename

Table dbo.department (5 rows)

	Column	Data Type	Identity	Nullable	Default
	Dname	varchar(15)		X	
PK	Dept_ID	smallint			

Indexes:

PK_department (Primary Key) (Clustered)

Dept_ID

Referenced by:

dbo.Dept_Course (Dept_ID)

dbo.instructor (Dept_ID)

dbo.student (Dept_ID)

Used by:

Procedure dbo.department_delete

Procedure dbo.department_insert

Procedure dbo.department_select

Procedure dbo.department_update

Procedure dbo.department_update_dn

Procedure dbo.department_update_genaric

Procedure dbo.department_update_id

Procedure dbo.Select_Courses

Table dbo.Dept_Course (4 rows)

	Column	Data Type	Identity	Nullable	Default
PK, FK	Dept_ID	smallint			
PK, FK	CID	smallint			

Indexes:

PK_Dept_Course (Primary Key) (Clustered)

Dept_ID

CID

References:

dbo.Course (CID)

dbo.department (Dept_ID)

Used by:

Procedure dbo.delete_dept_course

Procedure dbo.delete_dept_course2

Procedure dbo.insert_dept_course

Procedure dbo.select_all_courses_for_dept

Procedure dbo.select_all_dept_for_course

Procedure dbo.Select_Courses

Procedure dbo.update_course_in_dept

Procedure dbo.update_dept_for_course

Table dbo.Exam (71 rows)

	Column	Data Type	Identity	Nullable	Default
PK	EID	smallint	X		
	date	date		X	
	description	varchar(15)		X	
FK	CID	smallint			

Indexes:

PK_Exam (Primary Key) (Clustered)

EID

References:

dbo.Course (CID)

Used by:

Procedure **dbo.Exam_Delete**

Procedure **dbo.Exam_generation**

Procedure **dbo.Exam_Insert**

Procedure **dbo.Exam_Select**

Procedure **dbo.Exam_SelectAll**

Procedure **dbo.Exam_Update**

Procedure **dbo.Select_Courses**

Procedure **dbo.SelectStudentGrades**

Procedure **dbo.student_grades**

Table **dbo.instructor** (16 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Ins_ID	smallint			
	Ins_Name	varchar(20)		X	
	Ins_Username	nvarchar(20)		X	
	Ins_password	varchar(20)		X	
FK	Dept_ID	smallint		X	

Indexes:

PK_instructor (Primary Key) (Clustered)

Ins_ID

References:

dbo.department (Dept_ID)

Referenced by:

dbo.Course (Ins_ID)

Used by:

Procedure **dbo.ins_course**

Procedure **dbo.instructor_delete**

Procedure **dbo.instructor_insert**

Procedure **dbo.Instructor_Login**

Procedure **dbo.instructor_name_update**

Procedure **dbo.instructor_password_update**

Procedure **dbo.instructor_select**

Procedure **dbo.SelectInstCourses**

Table dbo.Question (40 rows)

	Column	Data Type	Identity	Nullable	Default
PK	QID	smallint	X		
	type	char(1)			
	Question	varchar(200)			
	Answer	varchar(1)			
FK	CID	smallint		X	

Indexes:

PK_Question (Primary Key) (Clustered)

QID

References:

dbo.Course (CID)

Referenced by:

dbo.Question_choice (QID)

dbo.Question_Exam (QID)

dbo.student_exam_question (QID)

Used by:

Function **dbo.GetChoices**

Procedure **dbo.Exam_Correction**

Procedure **dbo.Exam_generation**

Procedure **dbo.exam_questions_choices**

Procedure **dbo.question_answer_update**

Procedure **dbo.question_delete**

Procedure **dbo.question_exam_questions_select**

Procedure **dbo.question_insert**

Procedure **dbo.question_question_select**

Procedure **dbo.question_question_update**

Procedure **dbo.question_select**

Procedure **dbo.question_type_select**

Procedure **dbo.question_type_update**

Procedure **dbo.Select_Exam**

Procedure **dbo.student_answers_in_exam**

Table dbo.Question_choice (80 rows)

	Column	Data Type	Identity	Nullable	Default
PK, FK	QID	smallint			
	ChoiceChar	char(1)		X	char((97))
PK	Choice	varchar(200)			

Indexes:

PK_Question_choice (Primary Key) (Clustered)

QID
Choice

References:

dbo.Question (QID)

Used by:

Function **dbo.GetChoices**

Procedure **dbo.Question_choice_insert**

Procedure **dbo.Select_Exam**

Procedure **dbo.student_answers_in_exam**

Table dbo.Question_Exam (530 rows)

	Column	Data Type	Identity	Nullable	Default
PK, FK	QID	smallint			
PK	EID	smallint			

Indexes:

PK_Question_Exam (Primary Key) (Clustered)

QID
EID

References:

dbo.Question (QID)

Used by:

Procedure **dbo.Exam_Answers**

Procedure **dbo.Exam_generation**

Procedure **dbo.exam_questions_choices**

Procedure **dbo.question_exam_delete**

Procedure **dbo.question_exam_question_delete**

Procedure **dbo.question_exam_questions_select**

Procedure **dbo.question_exam_select**

Procedure **dbo.Select_Exam**

Table dbo.student (7 rows)

	Column	Data Type	Identity	Nullable	Default
PK, UK	Stud_ID	smallint	X		
	Stud_Name	varchar(20)			
	Stud_username	varchar(20)			
	Stud_Password	varchar(20)			
FK	Dept_ID	smallint		X	

Indexes:

PK_student (Primary Key) (Clustered)

Stud_ID

IX_student (Unique)

Stud_ID

References:

dbo.department (Dept_ID)

Referenced by:

dbo.student_course (SID -> Stud_ID)

dbo.Student_exam (SID -> Stud_ID)

dbo.student_exam_question (SID -> Stud_ID)

Used by:

Procedure **dbo.all_dept_studes**

Procedure **dbo.delete_student**

Procedure **dbo.insert_student**

Procedure **dbo.Select_Courses**

Procedure **dbo.select_student**

Procedure **dbo.student_grades**

Procedure **dbo.Student_Login**

Procedure **dbo.update_student_department**

Procedure **dbo.update_student_name**

Procedure **dbo.update_student_password**

Procedure **dbo.update_student_username**

Table dbo.student_course (8 rows)

	Column	Data Type	Identity	Nullable	Default
PK, FK	SID	smallint			
PK, FK	CID	smallint			

Indexes:**PK_student_course** (Primary Key) (Clustered)SID
CID**References:****dbo.Course** (CID)**dbo.student** (SID -> Stud_ID)**Used by:****Procedure dbo.ins_course****Procedure dbo.student_course_Delete****Procedure dbo.student_course_Insert****Procedure dbo.student_course_Select****Procedure dbo.student_course_SelectALL****Procedure dbo.student_course_Update****Table dbo.Student_exam** (9 rows)

	Column	Data Type	Identity	Nullable	Default
PK	EID	smallint			
FK	SID	smallint		X	
	grade	smallint		X	

Indexes:**PK_Student_exam** (Primary Key) (Clustered)

EID

References:**dbo.student** (SID -> Stud_ID)**Used by:****Procedure dbo.Exam_Answers****Procedure dbo.Exam_Correction****Procedure dbo.Select_Courses****Procedure dbo.SelectStudentGrades****Procedure dbo.Student_Exam_delete****Procedure dbo.Student_Exam_insert****Procedure dbo.Student_Exam_Select****Procedure dbo.Student_Exam_update****Procedure dbo.student_grades****Table dbo.student_exam_question** (130 rows)

	Column	Data Type	Identity	Nullable	Default
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PK, FK	SID	smallint			
PK	EID	smallint			
PK, FK	QID	smallint			
	answers	varchar(1)		X	

Indexes:

PK_student_exam_question (Primary Key) (Clustered)

SID
EID
QID

References:

dbo.Question (QID)

dbo.student (SID -> Stud_ID)

Used by:

Procedure dbo.Exam_Answers

Procedure dbo.Exam_Correction

Procedure dbo.student_answers_in_exam

Procedure dbo.student_exam_question_delete

Procedure dbo.student_exam_question_Select

Procedure dbo.student_exam_question_SelectALL

Table dbo.topic (8 rows)

	Column	Data Type	Identity	Nullable	Default
PK	Topic_ID	smallint	X		
	Topic_Name	varchar(15)		X	
FK	CID	smallint		X	

Indexes:

PK_topic (Primary Key) (Clustered)

Topic_ID

References:

dbo.Course (CID)

Used by:

Procedure dbo.course_topics

Procedure dbo.topic_delete

Procedure dbo.topic_insert

Procedure dbo.topic_select

Procedure dbo.topic_update

Procedure dbo.topic_update_cid

Procedure dbo.topic_update_genaric

Procedures:

Procedure dbo.all_dept_studes

Parameter	Data Type	Default	Is Output
@dept_id	smallint		

Result:

Column	Data Type	Nullable
Stud_ID	smallint	
Stud_Name	varchar(20)	
Stud_username	varchar(20)	

Uses:

Table dbo.student

Procedure dbo.course_topics

Parameter	Data Type	Default	Is Output
@cid	smallint		

Result:

Column	Data Type	Nullable
Course_Name	varchar(20)	X
Topic_Name	varchar(15)	X

Uses:

Table dbo.Course

Table dbo.topic

Procedure dbo.delete_course

Parameter	Data Type	Default	Is Output
@cid	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(21)	

Uses:

Table dbo.Course

Procedure dbo.delete_dept_course

Parameter	Data Type	Default	Is Output
@cid	smallint		

Result:

Column	Data Type	Nullable
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(No column name)	varchar(21)	
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Uses:

Table **dbo.Dept_Course**

Procedure dbo.delete_dept_course2

Parameter	Data Type	Default	Is Output
@did	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(25)	

Uses:

Table **dbo.Dept_Course**

Procedure dbo.delete_student

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(22)	

Uses:

Table **dbo.student**

Procedure dbo.department_delete

Parameter	Data Type	Default	Is Output
@idToDelete	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(10)	

Uses:

Table **dbo.department**

Procedure dbo.department_insert

Parameter	Data Type	Default	Is Output
@Did	smallint		
@dname	varchar(20)		

Result:

Column	Data Type	Nullable
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(No column name)	varchar(17)	
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Uses:

Table **dbo.department**

Procedure dbo.department_select

Parameter	Data Type	Default	Is Output
@id	smallint		

Result:

Column	Data Type	Nullable
Dname	varchar(15)	X
Dept_ID	smallint	

Uses:

Table **dbo.department**

Procedure dbo.department_update

Parameter	Data Type	Default	Is Output
@idToChange	smallint		
@Did	smallint		
@dname	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(10)	

Uses:

Table **dbo.department**

Procedure dbo.department_update_dn

Parameter	Data Type	Default	Is Output
@idToChange	smallint		
@dname	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(10)	

Uses:

Table **dbo.department**

Procedure dbo.department_update_genaric

Parameter	Data Type	Default	Is Output
@case	smallint		

@idToChange	smallint		
@ToChange	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(5)	

Uses:

Table dbo.department

Procedure dbo.department_update_id

Parameter	Data Type	Default	Is Output
@idToChange	smallint		
@Did	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(10)	

Uses:

Table dbo.department

Procedure dbo.dept_ins_delete

Parameter	Data Type	Default	Is Output
@idToDelete	smallint		

Procedure dbo.dept_ins_insert

Parameter	Data Type	Default	Is Output
@did	smallint		
@inId	smallint		

Procedure dbo.dept_ins_select

Parameter	Data Type	Default	Is Output
@id	smallint		

Procedure dbo.dept_ins_update

Parameter	Data Type	Default	Is Output
@inId	smallint		
@did	smallint		

Procedure dbo.dept_ins_update_inID

Parameter	Data Type	Default	Is Output
@idToChange	smallint		

@inId	smallint		
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Procedure dbo.Exam_Answers

Parameter	Data Type	Default	Is Output
@EID	smallint		
@SID	smallint		
@ans1	varchar(1)		
@ans2	varchar(1)		
@ans3	varchar(1)		
@ans4	varchar(1)		
@ans5	varchar(1)		
@ans6	varchar(1)		
@ans7	varchar(1)		
@ans8	varchar(1)		
@ans9	varchar(1)		
@ans10	varchar(1)		

Result:

Column	Data Type	Nullable
(No column name)	smallint	X

Uses:

Procedure `dbo.Exam_Correction`

Table `dbo.Question_Exam`

Table `dbo.Student_exam`

Table `dbo.student_exam_question`

Procedure dbo.Exam_Correction

Parameter	Data Type	Default	Is Output
@EID	smallint		
@SID	smallint		

Used by:

Procedure `dbo.Exam_Answers`

Uses:

Table `dbo.Question`

Table `dbo.Student_exam`

Table `dbo.student_exam_question`

Procedure dbo.Exam_Delete

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
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Error	varchar(37)	
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Uses:

Table dbo.Exam

Procedure dbo.Exam_generation

Parameter	Data Type	Default	Is Output
@cname	varchar(20)		
@MCQNum	tinyint		
@TFNum	tinyint		

Result:

Column	Data Type	Nullable
EID	smallint	X

Uses:

Table dbo.Course

Table dbo.Exam

Table dbo.Question

Table dbo.Question_Exam

Procedure dbo.Exam_Insert

Parameter	Data Type	Default	Is Output
@Date	date		
@Desc	varchar(15)		
@Course_ID	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(57)	

Uses:

Table dbo.Exam

Procedure dbo.exam_questions_choices

Parameter	Data Type	Default	Is Output
@eid	smallint		

Result:

Column	Data Type	Nullable
Question	varchar(200)	
Choices	nvarchar(max)	X

Uses:

Function dbo.GetChoices

Table dbo.Question

Table dbo.Question_Exam

Procedure dbo.Exam_Select

Parameter	Data Type	Default	Is Output
@id	smallint		

Result:

Column	Data Type	Nullable
EID	smallint	
date	date	X
description	varchar(15)	X
CID	smallint	

Used by:

Procedure dbo.Exam_SelectAll

Uses:

Table dbo.Exam

Procedure dbo.Exam_SelectAll

No parameters.

Result:

Column	Data Type	Nullable
EID	smallint	
date	date	X
description	varchar(15)	X
CID	smallint	

Uses:

Procedure dbo.Exam_Select

Table dbo.Exam

Procedure dbo.Exam_Update

Parameter	Data Type	Default	Is Output
@id	smallint		
@date	date		
@Desc	varchar(15)		
@Course_ID	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(33)	

Uses:

Table **dbo.Exam**

Procedure dbo.ins_course

Parameter	Data Type	Default	Is Output
@ins_id	smallint		

Result:

Column	Data Type	Nullable
Ins_ID	smallint	
Course_Name	varchar(20)	X
Count	int	X

Uses:

Table **dbo.Course**

Table **dbo.instructor**

Table **dbo.student_course**

Procedure dbo.insert_course

Parameter	Data Type	Default	Is Output
@cid	smallint		
@name	varchar(20)		
@ins_id	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.Course**

Procedure dbo.insert_dept_course

Parameter	Data Type	Default	Is Output
@did	smallint		
@cid	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.Dept_Course**

Procedure dbo.insert_student

Parameter	Data Type	Default	Is Output
@name	varchar(20)		
@username	varchar(20)		
@password	varchar(20)		
@Dept	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.student**

Procedure dbo.instructor_delete

Parameter	Data Type	Default	Is Output
@Ins_ID	smallint		

Uses:

Table **dbo.instructor**

Procedure dbo.instructor_insert

Parameter	Data Type	Default	Is Output
@ins_Name	varchar(20)		
@ins_Username	nvarchar(20)		
@ins_Password	varchar(20)		

Uses:

Table **dbo.instructor**

Procedure dbo.Instructor_Login

Parameter	Data Type	Default	Is Output
@username	varchar(20)		
@password	varchar(20)		

Result:

Column	Data Type	Nullable
Ins_ID	smallint	
Ins_Name	varchar(20)	X
Ins_Username	nvarchar(20)	X
Ins_password	varchar(20)	X
Dept_ID	smallint	X

Uses:

Table **dbo.instructor**

Procedure dbo.instructor_name_update

Parameter	Data Type	Default	Is Output
@Ins_ID	smallint		
@ins_Name	varchar(20)		

Uses:

Table **dbo.instructor**

Procedure dbo.instructor_password_update

Parameter	Data Type	Default	Is Output
@Ins_ID	smallint		
@ins_Password	varchar(20)		

Uses:

Table **dbo.instructor**

Procedure dbo.instructor_select

No parameters.

Result:

Column	Data Type	Nullable
Ins_ID	smallint	
Ins_Name	varchar(20)	X
Ins_Username	nvarchar(20)	X
Ins_password	varchar(20)	X
Dept_ID	smallint	X

Uses:

Table **dbo.instructor**

Procedure dbo.question_answer_update

Parameter	Data Type	Default	Is Output
@QID	smallint		
@Answer	varchar(1)		

Uses:

Table **dbo.Question**

Procedure dbo.Question_choice_delete

Parameter	Data Type	Default	Is Output
@Qid	smallint		
@choice	varchar(200)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(10)	

Procedure dbo.Question_choice_insert

Parameter	Data Type	Default	Is Output
@QID	int		
@choiceChar	char(1)		
@choice	varchar(200)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(18)	

Uses:

Table **dbo.Question_choice**

Procedure dbo.Question_choice_select

Parameter	Data Type	Default	Is Output
@id	smallint		

Result:

Column	Data Type	Nullable
QID	smallint	
ChoiceChar	char(1)	X
Choice	varchar(200)	

Procedure dbo.Question_choice_update

Parameter	Data Type	Default	Is Output
@Qid	smallint		
@choice	varchar(200)		
@newchoice	varchar(200)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(20)	

Procedure dbo.question_delete

Parameter	Data Type	Default	Is Output
@QID	smallint		

Uses:

Table **dbo.Question**

Procedure dbo.question_exam_delete

Parameter	Data Type	Default	Is Output
@EID	smallint		

Uses:

Table dbo.Question_Exam

Procedure dbo.question_exam_question_delete

Parameter	Data Type	Default	Is Output
@QID	smallint		

Uses:

Table dbo.Question_Exam

Procedure dbo.question_exam_questions_select

Parameter	Data Type	Default	Is Output
@EID	smallint		

Result:

Column	Data Type	Nullable
QID	smallint	
type	char(1)	
Question	varchar(200)	
Answer	varchar(1)	

Uses:

Table dbo.Question

Table dbo.Question_Exam

Procedure dbo.question_exam_select

Parameter	Data Type	Default	Is Output
@EID	smallint		

Result:

Column	Data Type	Nullable
QID	smallint	

Uses:

Table dbo.Question_Exam

Procedure dbo.question_insert

Parameter	Data Type	Default	Is Output
@type	char(1)		
@Question	varchar(200)		
@Answer	varchar(1)		

Uses:

Table dbo.Question

Procedure dbo.question_question_select

Parameter	Data Type	Default	Is Output
@Question	varchar(200)		

Result:

Column	Data Type	Nullable
QID	smallint	
type	char(1)	
Question	varchar(200)	
Answer	varchar(1)	
CID	smallint	X

Uses:

Table dbo.Question

Procedure dbo.question_question_update

Parameter	Data Type	Default	Is Output
@QID	smallint		
@Question	varchar(200)		

Uses:

Table dbo.Question

Procedure dbo.question_select

No parameters.

Result:

Column	Data Type	Nullable
QID	smallint	
type	char(1)	
Question	varchar(200)	
Answer	varchar(1)	
CID	smallint	X

Uses:

Table dbo.Question

Procedure dbo.question_type_select

Parameter	Data Type	Default	Is Output
@type	char(1)		

Result:

Column	Data Type	Nullable
QID	smallint	
type	char(1)	
Question	varchar(200)	

Answer	varchar(1)	
CID	smallint	X

Uses:

Table dbo.Question

Procedure dbo.question_type_update

Parameter	Data Type	Default	Is Output
@QID	smallint		
@type	char(1)		

Uses:

Table dbo.Question

Procedure dbo.select_all_courses_for_dept

Parameter	Data Type	Default	Is Output
@did	smallint		

Result:

Column	Data Type	Nullable
CID	smallint	

Uses:

Table dbo.Dept_Course

Procedure dbo.select_all_dept_for_course

Parameter	Data Type	Default	Is Output
@cid	smallint		

Result:

Column	Data Type	Nullable
Dept_ID	smallint	

Uses:

Table dbo.Dept_Course

Procedure dbo.select_course

Parameter	Data Type	Default	Is Output
@cid	smallint		

Result:

Column	Data Type	Nullable
CID	smallint	
course_name	varchar(20)	X
Ins_ID	smallint	X

Uses:

Table dbo.Course

Procedure dbo.Select_Courses

Parameter	Data Type	Default	Is Output
@Sid	smallint		

Result:

Column	Data Type	Nullable
CID	smallint	
Course_Name	varchar(20)	X

Uses:

Table dbo.Course

Table dbo.department

Table dbo.Dept_Course

Table dbo.Exam

Table dbo.student

Table dbo.Student_exam

Procedure dbo.Select_Exam

Parameter	Data Type	Default	Is Output
@Eid	smallint		

Result:

Column	Data Type	Nullable
QID	smallint	
Question	varchar(200)	
Choice	varchar(200)	

Uses:

Table dbo.Question

Table dbo.Question_choice

Table dbo.Question_Exam

Procedure dbo.select_student

Parameter	Data Type	Default	Is Output
@id	int		

Result:

Column	Data Type	Nullable
Stud_ID	smallint	
Stud_Name	varchar(20)	
Stud_username	varchar(20)	

Stud_Password	varchar(20)	
Dept_ID	smallint	X

Uses:

Table **dbo.student**

Procedure dbo.SelectInstCourses

Parameter	Data Type	Default	Is Output
@Iid	smallint		

Result:

Column	Data Type	Nullable
CID	smallint	
Course_Name	varchar(20)	X

Uses:

Table **dbo.Course**

Table **dbo.instructor**

Procedure dbo.SelectStudentGrades

Parameter	Data Type	Default	Is Output
@SID	smallint		

Result:

Column	Data Type	Nullable
Course	varchar(20)	X
Grade	smallint	X

Uses:

Table **dbo.Course**

Table **dbo.Exam**

Table **dbo.Student_exam**

Procedure dbo.student_answers_in_exam

Parameter	Data Type	Default	Is Output
@eid	smallint		
@sid	smallint		

Result:

Column	Data Type	Nullable
Question	varchar(200)	
Model Answer	varchar(200)	X
Student Answer	varchar(200)	X

Uses:

Table dbo.Question

Table dbo.Question_choice

Table dbo.student_exam_question

Procedure dbo.student_course_Delete

Parameter	Data Type	Default	Is Output
@id	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(29)	

Uses:

Table dbo.student_course

Procedure dbo.student_course_Insert

Parameter	Data Type	Default	Is Output
@course_id	smallint		
@student_id	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(95)	

Uses:

Table dbo.student_course

Procedure dbo.student_course_Select

Parameter	Data Type	Default	Is Output
@id	smallint		

Result:

Column	Data Type	Nullable
SID	smallint	
CID	smallint	

Used by:

Procedure dbo.student_course_SelectALL

Uses:

Table dbo.student_course

Procedure dbo.student_course_SelectALL

No parameters.

Result:

Column	Data Type	Nullable
SID	smallint	
CID	smallint	

Uses:

Procedure `dbo.student_course_Select`

Table `dbo.student_course`

Procedure `dbo.student_course_Update`

Parameter	Data Type	Default	Is Output
@course_id	smallint		
@student_id	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(33)	

Uses:

Table `dbo.student_course`

Procedure `dbo.Student_Exam_delete`

Parameter	Data Type	Default	Is Output
@Student_id	smallint		

Uses:

Table `dbo.Student_exam`

Procedure `dbo.Student_Exam_insert`

Parameter	Data Type	Default	Is Output
@Exam_id	smallint		
@Student_id	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(45)	

Uses:

Table `dbo.Student_exam`

Procedure `dbo.student_exam_question_delete`

Parameter	Data Type	Default	Is Output
@Student_id	smallint		

Uses:

Table `dbo.student_exam_question`

Procedure `dbo.student_exam_question_Select`

Parameter	Data Type	Default	Is Output
@Student_id	smallint		

Result:

Column	Data Type	Nullable
SID	smallint	
EID	smallint	
QID	smallint	
answers	varchar(1)	X

Uses:

Table `dbo.student_exam_question`

Procedure `dbo.student_exam_question_SelectALL`

No parameters.

Result:

Column	Data Type	Nullable
SID	smallint	
EID	smallint	
QID	smallint	
answers	varchar(1)	X

Uses:

Table `dbo.student_exam_question`

Procedure `dbo.Student_Exam_Select`

Parameter	Data Type	Default	Is Output
@id	smallint		

Result:

Column	Data Type	Nullable
EID	smallint	
SID	smallint	X
grade	smallint	X

Uses:

Table `dbo.Student_exam`

Procedure `dbo.Student_Exam_update`

Parameter	Data Type	Default	Is Output
@Student_id	smallint		

@Exam_id	smallint		
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Result:

Column	Data Type	Nullable
(No column name)	varchar(23)	

Uses:

Table dbo.Student_exam

Procedure dbo.student_grades

Parameter	Data Type	Default	Is Output
@sid	smallint		

Result:

Column	Data Type	Nullable
Stud_ID	smallint	
Stud_Name	varchar(20)	
course_name	varchar(20)	X
Grade	smallint	X

Uses:

Table dbo.Course

Table dbo.Exam

Table dbo.student

Table dbo.Student_exam

Procedure dbo.Student_Login

Parameter	Data Type	Default	Is Output
@username	varchar(20)		
@password	varchar(20)		

Result:

Column	Data Type	Nullable
Stud_ID	smallint	
Stud_Name	varchar(20)	
Stud_username	varchar(20)	
Stud_Password	varchar(20)	
Dept_ID	smallint	X

Uses:

Table dbo.student

Procedure dbo.topic_delete

Parameter	Data Type	Default	Is Output
@tpid	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(10)	

Uses:

Table **dbo.topic**

Procedure dbo.topic_insert

Parameter	Data Type	Default	Is Output
@tp_n	varchar(20)		
@CID	int		
@tpid	smallint		X

Result:

Column	Data Type	Nullable
(No column name)	varchar(17)	

Uses:

Table **dbo.topic**

Procedure dbo.topic_select

Parameter	Data Type	Default	Is Output
@tpid	smallint		

Result:

Column	Data Type	Nullable
Topic_ID	smallint	
Topic_Name	varchar(15)	X
CID	smallint	X

Uses:

Table **dbo.topic**

Procedure dbo.topic_update

Parameter	Data Type	Default	Is Output
@tpid	smallint		
@tp_n	varchar(20)		
@CID	int		

Result:

Column	Data Type	Nullable
(No column name)	varchar(17)	

Uses:

Table **dbo.topic**

Procedure dbo.topic_update_cid

Parameter	Data Type	Default	Is Output
@tpid	smallint		
@cid	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(16)	

Uses:

Table dbo.topic

Procedure dbo.topic_update_genaric

Parameter	Data Type	Default	Is Output
@case	smallint		
@idToChange	smallint		
@ToChange	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(5)	

Uses:

Table dbo.topic

Procedure dbo.topic_update_tn

Parameter	Data Type	Default	Is Output
@tpid	smallint		
@tp_n	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(5)	

Uses:

Table dbo.topic

Procedure dbo.update_course_in_dept

Parameter	Data Type	Default	Is Output
@cid	smallint		
@did	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table dbo.Dept_Course

Procedure dbo.update_course_instructor

Parameter	Data Type	Default	Is Output
@cid	smallint		
@iid	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table dbo.Course

Procedure dbo.update_coursename

Parameter	Data Type	Default	Is Output
@cid	smallint		
@name	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table dbo.Course

Procedure dbo.update_dept_for_course

Parameter	Data Type	Default	Is Output
@cid	smallint		
@did	smallint		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table dbo.Dept_Course

Procedure dbo.update_student_department

Parameter	Data Type	Default	Is Output
@id	smallint		
@dname	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.student**

Procedure dbo.update_student_name

Parameter	Data Type	Default	Is Output
@id	smallint		
@name	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.student**

Procedure dbo.update_student_password

Parameter	Data Type	Default	Is Output
@id	smallint		
@password	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.student**

Procedure dbo.update_student_username

Parameter	Data Type	Default	Is Output
@id	smallint		
@uname	varchar(20)		

Result:

Column	Data Type	Nullable
(No column name)	varchar(13)	

Uses:

Table **dbo.student**

Functions:

Scalar Function dbo.GetChoices

Parameter	Data Type	Default
@QI	smallint	

Result:

Data Type	Nullable
nvarchar(max)	X

Used by:

Procedure dbo.exam_questions_choices

Uses:

Table dbo.Question

Table dbo.Question_choice