ID-10t Consulants
Data Dictionary

TABLE	COLUMN	DATA TYPE	DESCRIPTION	NOTES
students	std_id	VARCHAR(8)	Siena College network login -first & middle initial -the day of the month you were born (two digits) -the first four letters of your last name	Primary Key Varations/Exceptions: -If you have no middle initial, just skip it -if you have an apostrophie in your name (e.g., O'Brien), leave it out -if your last name is less than four letters, write what you have
students	std_email	VARCHAR(30)	student's e-mail address	
students	std_fname	VARCHAR(20)	student's first name	
students	std_lname	VARCHAR(20)	student's last name	
students	std_password	VARCHAR(15)	student's password	Chosen by student at account creation
students	secret_question	VARCHAR(50)	student's secret question	
students	secret_answer	VARCHAR(30)	student's answer to secret question	
instructor	inst_id	VARCHAR(8)	instructor's login user id	Primary Key - Created by system administrator at account creation
instructor	inst_email	VARCHAR(30)	instructor's e-mail address	
instructor	inst_fname	VARCHAR(20)	instructor's first name	
instructor	inst_lname	VARCHAR(20)	instructor's last name	
instructor	inst_password	VARCHAR(15)	instructor's password	Chosen by system administrator at account creation
instructor	private_pool_id	AUTONUMBER	isntructor's private pool	Foreign Key referencing private_pool_id from Private Pool
instructor	secret_question	VARCHAR(50)	instructor's secret question	

instructor	secret_answer	VARCHAR(30)	instructor's answer to secret question	
sys_adm	sys_id	VARCHAR(10)	system administrator's login user id	Primary Key - Chosen by the system administrator
sys_adm	sys_email	VARCHAR(30)	system administrator's e-mail address	
sys_adm	sys_fname	VARCHAR(20)	system administrator's first name	
sys_adm	sys_lname	VARCHAR(20)	system administrator's last name	
sys_adm	sys_password	VARCHAR(15)	system administrator's password	Chosen by the system administrator
sys_adm	private_pool_id	AUTONUMBER	system amdinistator's private pool	Foreign Key referencing private_pool_id from Private Pool
sys_adm	secret_question	VARCHAR(50)	system administrator's secret question	
sys_adm	secret_answer	VARCHAR(30)	system administrator's answer to secret question	
prg_adm	prg_id	VARCHAR(8)	program administrator's login user id	Primary Key - Created by system administrator at account creation
prg_adm	prg_email	VARCHAR(30)	program administrator's e-mail address	
prg_adm	prg_fname	VARCHAR(20)	program administrator's first name	
prg_adm	prg_lname	VARCHAR(20)	program administrator's last name	
prg_adm	prg_password	VARCHAR(15)	program administrator's password	Chosen by the system administrator at account creation
prg_adm	private_pool_id	AUTONUMBER	program administrator's private pool	Foreign Key referencing private_pool_id from Private Pool
prg_adm	secret_question	VARCHAR(50)	program administrator's secret question	
prg_adm	secret_answer	VARCHAR(30)	program administrator's answer to secret question	
course	course_id	AUTONUMBER	course id number	Primary Key
course	course_name	VARCHAR(30)	course name	Example: Intro to Computer Science

course	course_number	CHAR(7)	course number	Example: CSIS110
section	section_id	AUTONUMBER	section id number	Primary Key
section	section_number	CHAR(2)	section number	
section	course_id	CHAR(7)	course id number	Foreign Key referencing course_id from Course
section	section_semester	VARCHAR(10)	semester the section is offered	
section	section_year	NUMBER	year the section is offered	
section	section_password	VARCHAR(10)	password to enroll in the section	
teaching	inst_id	VARCHAR(8)	instructor teaching the section	Foreign Key referencing inst_id from Instructor
teaching	section_id	AUTONUMBER	course and section being taught	Foreign Key referencing section_id from Section
coordinating	prg_id	VARCHAR(8)	coordinating program administrator	Foreign Key referencing prg_id from Prg_Adm
coordinating	course_id	AUTONUMBER	course that is coordinated	Foreign Key referencing course_id from Course
enroll	std_id	VARCHAR(8)	student enrolled in the section	Foreign Key referencing std_id from Student
enroll	section_id	AUTONUMBER	course and section students are enrolled	Foreign Key referencing section_id from Section
question_set	set_name	VARCHAR(20)	question set name	

question_set	set_type	VARCHAR(8)	question set type	Types available:
				  -Test
				  -Quiz
				  -Homework
				  -Practice

question_set	set_id	AUTONUMBER	question set id number	Primary Key
published_set	set_name	VARCHAR(20)	question set name	
published_set	time_avail	TIME	the time the question set becomes available	Chosen at publication of the question set

published_set	time_due	TIME	the time the question set is due or becomes unavailable	Chosen at publication of the question set
published_set	date_avail	DATE	the date the question set becomes available	Chosen at publication of the question set
published_set	date_due	DATE	the date the question set is due or becomes unavailable	Chosen at publication of the question set
published_set	time_limit	TIME	how long a user has to submit the question set once the user has started answering the question set	Chosen at publication of the question set. This is an optional field and can be left empty
published_set	num_of_attempts	NUMBER	the number of attempts a user has per question	Chosen at publication of the question set
published_set	late_submission	YES/NO	whether a published question set accepts late submissions	Chosen at publication of the question set. Yes or No will be entered into this field
published_set	visible	YES/NO	whether a published question set is visible to users after the date and time due	Chosen at publication of the question set. Yes or No will be entered into this field
published_set	publish_id	AUTONUMBER	published question set id number	Primary Key
question	qst_id	AUTONUMBER	question id number	Primary Key
question	qst_title	VARCHAR(30)	question title	
question	qst_category	VARCHAR(15)	question category	Example categories:
question	question	TEXT	question text	
question	signature	TEXT	question signature	
question	solution	TEXT	question solution	
question	recursive	YES/NO	whether the question is recursive or not	
hints	qst_id	AUTONUMBER	question the hint belongs to	Foreign Key referencing qst_id from Question
hints	hint_id	AUTONUMBER	hint id number	Primary Key

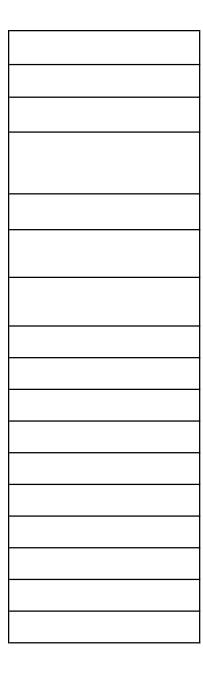| hints	hint	TEXT	hint text	
test_case	qst_id	AUTONUMBER	question the test case belongs to	Foreign Key referencing qst_id from Question
test_case	test_case_id	AUTONUMBER	test case id number	Primary Key
test_case	output	TEXT	test case output	
test_case	parameters	TEXT	test case parameters	
test_case	hidden	YES/NO	whether the test case is hidden or not	
pset_contains	publish_id	AUTONUMBER	published question set holding the question	Foreign Key referencing publish_id from Published Set
pset_contains	qst_id	AUTONUMBER	question in the published question set	Foreign Key referencing qst_id from Question
set_contains	set_id	AUTONUMBER	question set holding the question	Foreign Key referencing set_id from Question Set
set_contains	qst_id	AUTONUMBER	question in the question set	
private_pool	private_pool_id	AUTONUMBER	private pool id number	Primary Key
course_pool	course_pool_id	AUTONUMBER	course pool id number	Primary Key
course_pool	course_id	AUTONUMBER	course the course pool belongs to	Foreign Key referencing course_id from Course
prvtpool_question	private_pool_id	AUTONUMBER	private pool holding the question	Primary Key
prvtpool_question	qst_id	AUTONUMBER	question in the private pool	Foreign Key referencing qst_id from Question
prvtpool_set	private_pool_id	AUTONUMBER	private pool holding the question set	Foreign Key referencing private_pool_id from Private Pool
prvtpool_set	set_id	AUTONUMBER	question set in the private pool	Foreign Key referencing set_id from Question Set
gpool_question	qst_id	AUTONUMBER	question in the global pool	Foreign Key referencing qst_id from Question
gpool_set	set_id	AUTONUMBER	set in the global pool	Foreign Key referencing set_id from Question Set

cpool_question	course_pool_id	AUTONUMBER	course pool holding the question	Foreign Key referecing course_pool_id from Course Pool
cpool_question	qst_id	AUTONUMBER	question in the course pool	Foreign Key referencing qst_id from Question
cpool_set	course_pool_id	AUTONUMBER	course pool holding the question set	Foreign Key referecing course_pool_id from Course Pool
cpool_set	set_id	AUTONUMBER	question in the course pool	Foreign Key referencing set_id from Question Set
bulletin	announcement_id	AUTONUMBER	announcement id number	Primary Key
bulletin	announcement	TEXT	announcement text	
course_bulletin	course_id	AUTONUMBER	course the bulletin belongs to	Foreign Key referencing course_id from Course
course_bulletin	announcement_id	AUTONUMBER	announcement on the course bulletin	Foreign Key referencing announcement_id from Bulletin
section_bulletin	section_id	AUTONUMBER	section the bulletin belongs to	Foreign Key referencing section_id from Section
section_bulletin	announcement_id	AUTONUMBER	announcement on the section bulletin	Foreign Key referencing announcement_id from Bulletin
gradebook	submission_id	AUTONUMBER	student grade book	Foreign Key referencing submission_id from Student_Submission
gradebook	section_id	AUTONUMBER	section the student receives a grade in	Foreign Key referencing section_id from Section
gradebook	assignment_name	VARCHAR(8)	name of assignment the student was graded on	
gradebook	grade	PERCENT	grade received on an assignment	
gradebook	points_earned	NUMBER	points earned out of the total points	
gradebook	point_total	NUMBER	total points a student can receive on an assignment	
gradebook	category	VARCHAR(15)	category of the assignment	
gradebook	weight	PERCENT	weight of the assignment	

gradebook	late	YES/NO	whether the assignment was submitted late	
student_submission	submission_id	AUTONUMBER	student submission id number	Primary Key
student_submission	std_id	VARCHAR(8)	student that answered the question	Foreign Key referencing std_id from Student
student_submission	publish_id	AUTONUMBER	published question set the question was answered in	Foreign Key referencing publish_id from Published Set
student_submission	submission	TEXT	question answer text	All solution code is appended to a text document

VALIDATION
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