



Schema:

students(student_id, username, name)

classes(class_id, course_number, term, description, section_number)

class_enrollment(students.student_id, classes.class_id)

categories(category_id, name)

class_category(classes.class_id, categories.category_id, weight)

assignments(assignment_id, name, description, point_value, categories.category_id, classes.class_id)

assignment_grade(students.student_id, assignments.assignment_id, grade)

students:

student_id	username	name
1	katej	Kate Johnson
2	clarew	Clare Williams

classes:

class_id	course_number	term	description	section_number
1	CS410	SP22	Database	1
2	CS425	SP20	Network	2
3	CS421	FA21	Algorithms	1

class_enrollment:

student_id	class_id
1	2
1	3
2	3

categories:

class_category

category_id	name	class_id	category_id	weight
1	homework	1	3	100
2	midterm	2	1	25
3	project	2	2	25
4	final exam	2	4	50
		3	4	100

assignments:

assignment_id	name	description	point_value	category_id	class_id
1	project	final project	100	3	1
2	hw1	module1-3	80	1	2
3	hw2	module4,5	100	1	2
4	midterm	all modules	50	2	2
5	final exam	all modules	100	4	2
6	final exam	all modules	100	4	3

assignment_grade:

student_id	assignment_id	grade
1	2	79.00
1	3	89.00
1	4	46.50
1	5	94.00
1	6	95.55
2	6	90.00