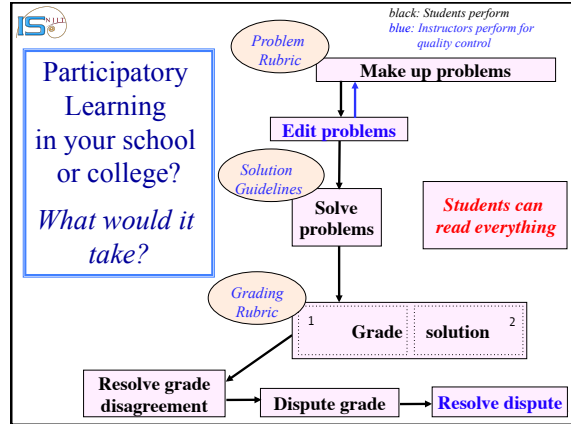


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Participatory Learning: Deeper Learning by Putting Students in Charge

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Assignment: Problem for IS 331

Exercise: IS 331 — Fall — Summer 2013

Please design 10 simple SQL queries, all working with ONE table. The queries should test your peers' ability to use "SELECT, FROM, WHERE, GROUP BY" and "HAVING" commands.

CLASS

Problem:
 Given a table "CUSTOMERS" with a SQL query that lists the occupations of all customers with the last name "Baker" working according to job.

Edited Problem:
 Given a table "CUSTOMERS" with a SQL query that lists the occupations of all customers with the last name "Baker" working according to job, list customers that had last names "Baker" and other occupations.

Edited Exercise:
 Do you need to have submitted the best feedback to the original assignment?

Solution:
 SELECT PNAME, USAGE, OCCUPATION FROM CUSTOMERS WHERE LASTNAME = 'Baker' ORDER BY USAGE;

Grade Solution:
 You performed this task.

Complexity Grade:
 50

Grade Completeness:
 Very Good

Grade Completeness:
 80

Grade Completeness:
 Perfect

Grade Solution:

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Issues

- Creating rubrics
- Learning curve to create problems, grade and dispute
- Calibrating student activities
- Encouraging self review
- Groups for each activity
- Anonymity
- Trust
- MOOCs
- The few who don't participate
- Fitting in the schedule
- Measuring actual learning

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Extending Scope

- Which problem types?
 - so far: short and long essay questions
 - what about: multiple choices, short answers, computer programs, semester projects
- Which course activities?
 - so far: exams, online discussion short essays
 - what about: quizzes, homeworks, larger projects, in-class projects, other types of exams
- Which course subjects?
- Jr. High, High School, Community College?
- Grading the quality of problems, grades, other steps

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Invitation

- Looking for collaboration with instructors at all levels to try out Participatory Learning and help refine it
- Looking for research collaborations

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