

October 4, 2013

Client Meeting

3:10-3:40

Software Engineering Lab

In attendance: Luke, Denis, Patrick, Dr. Lim

Functional requirements:

Student: -possibly have turn in button
-once assignment completed its over and done
-might not enforce only 1 submission at this point
-student should be able to see their progress in grade book instead of going through each individual assignment

How much assistance does the student have when developing their solution? Will there be link to API support or another tab open to API?

-check to see if can implement smart indentation in PHP or whatever language because will be most convenient for client to grade and read

Faculty:

-can log on, will have classes assigned already by admin, similar view like student, each assignment can be added and edited by them, will have access to grade book for all students, will be able to come up with own grading method, can see status of each student's progress

2 test cases for coding bat- hidden test cases and ones showed line by line, in order to pass the hidden test cases must all of them must pass

Dr. Lim: want faculty to be able to arbitrarily change student's score in grade book to give partial credit since now it's either all right or all wrong, able to make questions and they are stored somewhere- question pool or question bank, able to just grab questions from the pool

Is the question pool open to the public?

-Anyone can submit questions but need to be approved by course coordinator

-Need to sit down and discuss how pool will be organized:

Will pool be available between courses/teachers?

Need to solve problem where no duplicate questions in pool.

Course Coordinator:

-Client wants user to be able to login as course coordinator but can switch to be a faculty member if they are one, i.e. don't need to logon or off to change user role

-responsible for question pool

-figure out question difficulty based on score of questions

-tried to implement in JOLT but was not successful

Admin can see course coordinator pool and inherits course coordinators pool

-can be done in number of ways:

-for every course that has coordinator, admin is also a coordinator for that course

Admin:

-create courses for professors and assign to faculty, can create any user account, can block students who drop courses, can delete courses as well, inherits question pool as well

-Compilation process: -major functionality and is required

-must be able to compile given code and be robust

-able to handle compilation errors, infinite loops, program crashes;

-redirect errors back to user so they are aware of where they are use JVM located on oraserv platform,

-Team needs to check to see what oraserv has for its virtual machine (1.6 or 1.7?) because if compiling for java 7 can receive errors because running on 1.6

How do you compile?

-currently looking at python to get access to the code

-java class that is filled out and has signature that must use

-use 2 parameters

-take student code and put them in predefined java class then from there compile and run

-Team needs to check with Dr. Breimer about php accessing terminal because it would speed up compiling

Dr. Lim: compiler not based upon a user, does not show up in use case diagram or user case, should be somewhere in requirements specification

-Need to ask Dr. Lederman where system requirements for compiler fits in the document, could show up in the data flow diagram

-level 1 diagram should have include a compiler, at this point don't need level 2 diagram