Code Testing Platform Q&A |MINUTES

Meeting date | time 10/15/2021 12:00 PM - 10/15/2021 12:30 PM

Meeting location C-201 Heritage College

# Attendees

|  |  |  |
| --- | --- | --- |
| Allan McDonald - User  Cameron Radmore – Development Team  David House – Scribe  Francis Manning – Development Team  Kyle Radmore – Development Team  Richard Chan – Project Manager  Santiago Cifuentes – Development Team  Serge Arseneault – Assistant Project Manager  Shuai Yan – Development Team |  |  |

# Invited but Did Not Attend

N/A

# Subject

Had a Q&A for the Heritage College Code Testing Platform Proposal with the product owner, Allan McDonald to receive more details about the project and get a better understanding of the users wants and needs.

# Discussion Topics

Acceptance Criteria and questions for the following user stories:

* As a teacher, I want to add courses
  + Can’t find future courses in CLARA only current courses
  + Teachers can provide aide to courses they don’t teach
* As a teacher, I want to add activities (labs, assignments, tests, exercises) to my courses.
  + Fields for Activities
  + Required and not required fields
* As a teacher, I would like to be able to set up test case settings such as course, session/instance, description and coding language.
  + Many Method Signatures are needed for activities, many test cases are linked to method signatures
* As a teacher, I want to be able to manage the test cases via a form.
  + Teacher creates method signature
    - If teacher edits method signature, warnings will appear for teacher stating test cases may not work properly after updating signature
    - Warnings on all test cases that are not functional anymore
  + Teacher adds many test cases per method signature
* As a teacher, I want to add test cases for the activities I assign.
  + Some Method Signatures won’t need warnings (Python)
  + Reuse of test cases
    - Import/export method signature’s test cases to reuse on other method signatures
* As a student, I want to only have access to the courses I am enrolled in.
  + Agreed with Acceptance Criteria
* As a student, I want to be able to upload my code file for the work my teacher assigned.
  + Single Code File

Activity Architecture

* Activity has course, title and language and button to add Test Case
* Add Test Case clicked Teacher is prompted for the method’s signature once
  + Teacher specifies method’s function name, all parameter’s datatypes (and default values if applicable) and lastly the expected output’s datatype
* After the method’s signature is created, the teacher is capable of adding multiple test cases for the method signature and is prompted to add a new one until exited. These test cases have the value for each parameter that will be passed (following the specific datatype from the signature) to the function and later will be tested against the student’s code. Also, the teacher gives the expected value (based off the datatype in the method’s signature) of the method’s output based off the passed parameters.

# Decisions

|  |  |
| --- | --- |
| D1 | Decompose First User Story (Two user stories, one with current courses being taught that are in CLARA, second with future course). |
| D2 | Tests are not a type for activities (too much security involved). |
| D3 | Start Date + Time, Title and Course are required fields for activities. |
| D4 | Start Date Time is defaulted to time of creation for Activity if not specified |
| D5 | End Date/Time not required field |
| D6 | Teacher does not upload code for test cases |
| D7 | Method Signatures are needed for test cases |
| D8 | Warning is given to Teacher when editing method signature |
| D9 | Warning on all test cases that are affected after method signature is updated |
| D10 | Export/Importing of Test Cases for Method Signatures |
| D11 | Student loses access to a course once course’s semester is finished |
| D12 | C# has a very low priority |
| D13 | Java/Python still prioritized |
| D14 | Satisfied with Single File upload for student’s code |
| D15 | Compiler/Interpreter must work with running standard language libraries |

# Actions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A1 | Cameron | Decompose User Story  (D1) | Closed | Due October 15, 2021 |
| A2 | Team | Restructure Product Backlog | Open | Due October 20, 2021 |
| A3 | Kyle | Speak with other Dev Project team about use of Compiler/Interpreter and language priority | Closed | Due October 15, 2021 |
| A4 | Serge | Send Commitment Email for Sprint 1 | Open | Due October 20, 2021 |

# Follow up and next steps

* Send Commitment Email by October 20th, 2021