

Instructor Client Testing Plan

Instructor View

Student List View

Client should load a list of all students that have taken the exam:

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Create Exam

Grade Exams

Student List

Example Learner

Clicking on a student should display their answers to the questions and should look similar to below.

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Question 1

Example Question 1

My submission

Feedback:

Question 2

Example Question 2

☐ a

☒ b

Feedback:

Submit Feedback

Back Button

Clicking the “Back” button at the top of the page should bring you back to the list of students.

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Feedback

Typing in a feedback box should change the text:

Question 1

What's the best programming language?

☒ C#

☐ Java

☐ TypeScript

☐ Fortran

Feedback:

Good work

Pressing the “Submit Feedback” button at the bottom should take you back to the list of students. Then, clicking back on the student you were on should persist their feedback.

Submit Feedback

Create Exam View

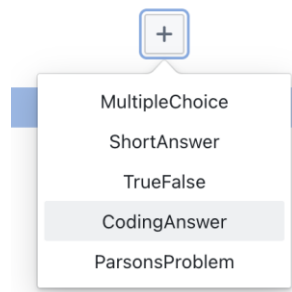
Clicking on the “Create Exam” button at the top of the Instructor View should yield the following display:

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Done

Clicking the “+” button should present the user with the following options:



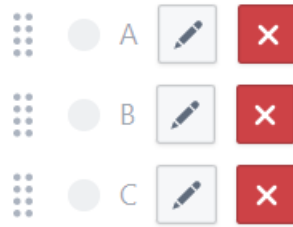
Clicking “MultipleChoice” should present the following display. The box next to points can be used to change the points possible on each question. This applies to every question type:

Question 1	<input type="text" value="0"/>	points		
<div><div></div><div></div></div>				

The first box can be edited to set the question text. Clicking the plus button will present the user with a box like below.

<input type="text"/>		
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Editing the text in the second box will set the text for a multiple choice answer. After multiple answers have been added, they should be able to be reordered with the handles on the left of each answer.

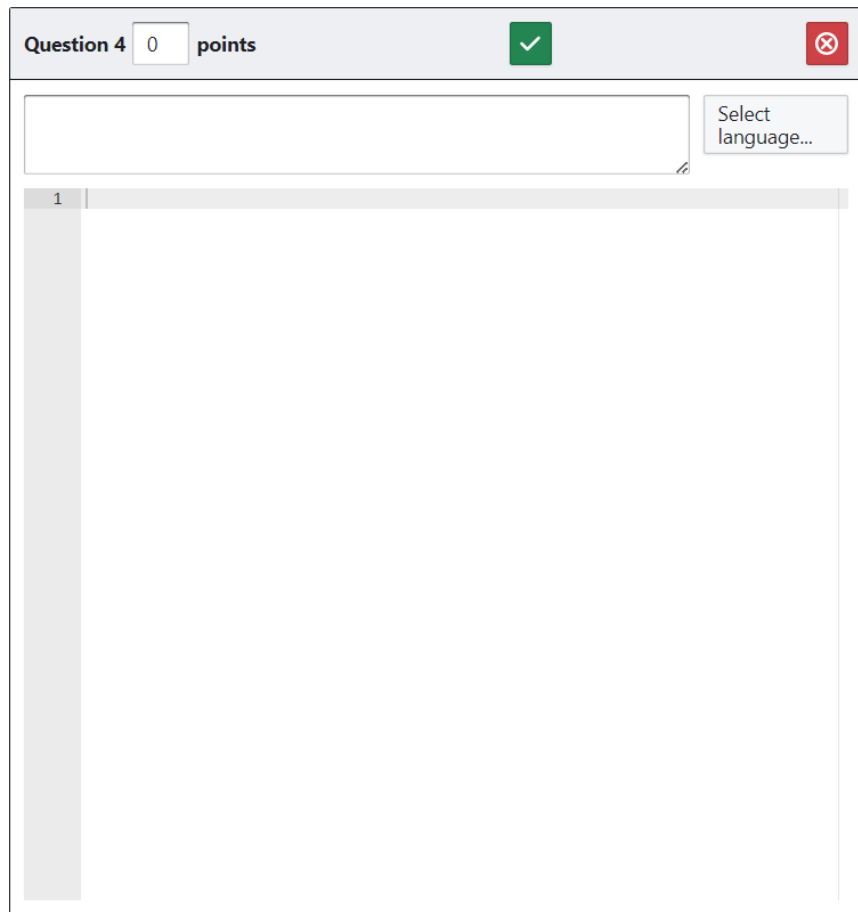


Clicking the red “x” button should remove the answer from the question, and clicking the pencil button should allow you to change the text for the answer. The edit answer box should look like below:

Clicking “TrueFalse” should present the following display. The text box can be edited to change the question text:

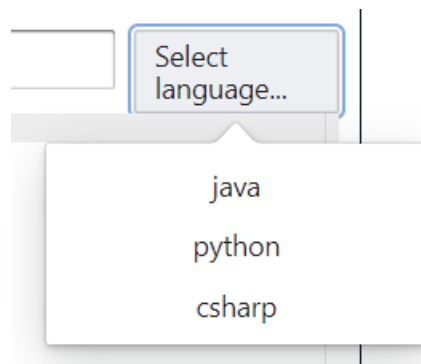
Clicking “ShortAnswer” should present the following display. The text box can be edited to change the question text:

Clicking “CodingAnswer” should present the following display. The text box can be edited to change the question text:



The screenshot shows a web interface for editing a question. At the top, there is a header bar with the text "Question 4" followed by a small box containing the number "0" and the word "points". To the right of this are two icons: a green checkmark and a red square with a white 'X'. Below the header is a large text input area for the question text. To the right of this input area is a button labeled "Select language...". Below the text input area is a large, empty code editor area with a light gray background and a vertical line on the left side, indicating line numbers. The number "1" is visible at the top of this line.

Clicking the “Select language” button will bring up the following list. Picking a value will change the programming language used by the question:



The screenshot shows a dropdown menu that appears when the "Select language..." button is clicked. The menu is a white box with a light gray border. It contains three options: "java", "python", and "csharp", each on a new line. The button itself is a light gray rectangle with the text "Select language..." in a dark gray font.

After a question has been added or while one is being edited, the green checkmark button can be pressed to finish adding or editing the question.



To edit a question, the yellow pencil button can be pressed to make the question fields editable again. The editing view will look identical to the view shown when the question is being added initially.



Pressing the “x” button should remove a question from the list of questions. Note that this will only remove the question from the exam if it has not already been created:



When re-entering the Create Exam view, previously added questions should also appear.

Grade Exam View

Clicking on the “Grade Exams” view at the top of the Instructor View should bring up the following display.

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Question 1 Question 2	Example Question 1		
	Student	Submission	Grade
	Example Learner	My submission	<input type="text" value="0 / 5"/>

The screen should display the list of questions on the left and the submissions for the question on the right, with the name of the student in the first column, their submission in the second column, and the current score on the question in the third column. Clicking the text box in the “Grade” column should allow you to enter the student’s score for the question and should look similar to below.

Grade
<div>4 / 5</div>

Clicking the “Grade” button in the top-right corner will submit grades to Canvas.

Grade

After the button has been clicked, the screen should display a message stating whether the grade submission was successful. In this case it was not, so the appropriate message was displayed.

Grade Submission Unsuccessful