

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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What's the best programming language?

- ☐ C#
- ☐ Java
- ☒ TypeScript
- ☐ Fortran

Computer Science is dope.

- ☒ False
- ☐ True

How do you feel today?

Pretty good

Question 4

Print "Hello World" in the language

1

`print("Hello world!")`

Feedback:

Question 5

This is a test parsons problem

Drag from here

Construct your solution here

First Block

Second Block

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.

Create Exam View

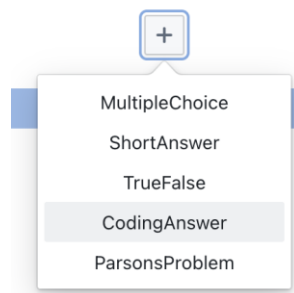
Clicking on the “Create Exam” button at the top of the Instructor View should yield the following display:

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Done

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



Clicking “MultipleChoice” should present the following display:

Question Text

Answer Choices



Index of Correct Answer

Add

Cancel

Clicking “TrueFalse” should present the following display:

Question Text

Enter 1 for True or 0 for False

Add

Cancel

Clicking “ShortAnswer” should present the following display:

Question Text

Add

Cancel

Clicking “CodingAnswer” should present the following display:

Question Text

Select language...

Add

Cancel

Clicking “CodingAnswer” should present the following display:

Question Text

Answer Choices

+
-

Correct Order of Elements (enter in the format ###)

Add
Cancel

Now, clicking the “Add” button on any of the components should create a question with the given values. For example:

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Question Text

Answer Choices

TestA

TestB

TestC

TestD

+
-

Index of Correct Answer

Add

Should yield the following after pressing “Add”:

Question 5		
<p>Test</p> <div style="margin-top: 10px;"> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 15px; height: 15px; background-color: #ccc; border-radius: 50%; margin-right: 10px;"></div> Test </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 15px; height: 15px; background-color: #ccc; border-radius: 50%; margin-right: 10px;"></div> Test </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 15px; height: 15px; background-color: #ccc; border-radius: 50%; margin-right: 10px;"></div> Test </div> <div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #ccc; border-radius: 50%; margin-right: 10px;"></div> Test </div> </div>		

Pressing the “x” button should remove a question from the exam:

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Done

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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[Grade](#)

Question 1

Question 2

Question 3

Question 4

Question 5

Question 6

Student	Submission	Grade
Example Learner	C#	<input type="text" value="0"/>

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.

Student	Submission	Grade
Example Learner	C#	<input type="text" value="5"/>

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