Testify Black Box Test Plan

Authors: Jeanne Deng, Huyue Gu, Chengcheng Xu, Neng Gu, Jiali Du

A. Testify instructor create 001, Enter create test, Severity 1

B. Click on “create” on the instructor's menu

C. I should be about to enter the view for creating a exam

A. Testify instructor create 002, new button, Severity 1

B. Click on the “new” button on the Test menu

C. I should be about to create a new test

A. Testify instructor create 003, buttons before creating the test, Severity 3

B. Click on other buttons before creating a test

C. All other buttons should be gray out before I create the test

A. Testify instructor create 004, Create a new question, Severity 1

B. Create a new question by clicking the new button in Question

C. I should be about to create a question of the selected type

A. Testify instructor create 005, Delete a question, Severity 3

B. Deleting a question by clicking the delete button from the question menu

C. The current question should be deleted

A. Testify instructor create 006, Save the test, Severity 1

B. Save the test by clicking “save” in the Test Menu

C. I should be about to save the test under the test name I entered

A. Testify instructor create 007, Save as the test, Severity 2

B. Save the test by clicking “save as” in the Test Menu

C. I should be about to save the test under the test name I entered, and the old test should still be there

A. Testify instructor create 008, Enter the prompt, Severity 1

B. Entering the prompt of a question

C. The exact content of my input should be showing in the prompt box and does not disappear after I switch to another question and then switch back

A. Testify instructor create 009, Enter the answer of a question, Severity 2

B. Entering the answer of a question

C. The exact content of my input should be showing in the answer box and does not disappear after I switch to another question and then switch back

A. Testify instructor create 010, Add a choice to the multiple choice, Severity 2

B. Add a new choice by Hit “Add choice” and input the content of the choice

C. The exactly same content should show up in the choices box

A. Testify instructor create 011, Navigate between questions, Severity 2

B. Select the corresponding question number in the dropdown or hit the “prev”/”next” button

C. I should be navigated to the corresponding question

A. Testify instructor create 012, Input the points possible of a question, Severity 1

B. Entering a number in the points possible window

C. I should only be able to enter a number but nothing else and the window should show exactly what I entered

A. Testify instructor create 013, Window size, Severity 3

B. Resize the window and see what happened to the views

C. The components of the window should still be organized

A. Testify instructor create 014, Selecting the language, Severity 2

B. Select a language for a programming question

C. The dropdown should show what exactly I chose

A. Testify instructor create 015, Properties of a exam, Severity 1

B. Set the properties of the exam

C. The time slot should only accept a time and nothing else. Also I should be about to make choice for “enable compile ” and “invalidate in lost of focus”. Finally, the app should be able to save my choices

A. Testify instructor create 016, Create new grade test, Severity 1

B. Click the new from main menu ’Test’ and create new grade test

C. The new grade test should be created

A. Testify instructor create 017, Open the grade test, Severity 1

B. Click the new from main menu ’Test’ and click ’open’

C. Valid and desired archive file should be imported correctly.

A. Testify instructor create 018, Save the grade test, Severity 1

B. Save the test by clicking “save” in the Test Menu

C. The current status should be saved.

A. Testify instructor create 019, Save as grade test, Severity 2

B. Save the test by clicking “save as” in the Test Menu

C. The current status should be saved in a format of pop up and enter the name you wanted.

A. Testify instructor create 020, Grade test properties, Severity 1

B. Click the new from main menu ’Test’ and click ’Properties’

C. Content about current properties about grade test should be ready for user operations.

A. Testify instructor create 021, Choose type of questions, Severity 2

B. Choose the type of question desired from main menu.

C. The current GUI should be changed according to the type of question and some text field or buttons should be temporarily invalid.

A. Testify instructor create 022, Exit the grade test, Severity 2

B. Click the exit test

C. The program should be exited without error.

A. Testify instructor create 023, Input of a question, Severity 1

B. Enter or click receiving text field or button

C. What entered should be recorded correctly and what clicked should perform accordingly.

A. Testify instructor create 024, Window size, Severity 3

B. We click window corner and drag to resize the window and see what happened to the views

C. The components of the window should still be organized

A. Testify instructor 025, Auto grade multiple choice, Severity 2

B. We clicked on the Auto grade multiple choices.

C. The app is set in auto grade mode.

A. Testify instructor 026, Open key, Severity 1

B. Click open key under test tab.

C. Pop up a file chooser for key selecting.

A. Testify instructor 027, Open Student Exam, Severity 1

B. Click open exam under test tab.

C. Pop up a file chooser for exam selecting.

A. Testify instructor 028, Save, Severity 3

B. Click save under test tab.

C. Save the current file.

A. Testify instructor 029, Exit, Severity 3

B. Click exit under test tab.

C. Exit the current page.

A. Testify instructor 030, Show Summary, Severity 2

B. Click show summary button.

C. Show current summary.

A. Testify student 001, Open test, Severity 1

B. Click on “Exit test” button

C. After clicking the “Exit test” button, the program should allow the student to select the test to take

A. Testify student 002, “Submit”, Severity 2

B. Click “Submit” button when available

C. After clicking the “Submit” button , the program should save the student’s answer in to file

A. Testify student 003, “Next” button, Severity 1

B. Click on “Next” button

C. After clicking the “Next” button, the view should be changed to the next question

A. Testify student 004, “Previous” button, Severity 2

B. Click on “Previous” button

C. After clicking the “Previous” button, the view should go back to the previous question with the input of student previously input

A. Testify student 005, “Compile” button, Severity 2

B. Click on “Compile”

C. After clicking the “Compile” button, the program should be able to compile the code and give corresponding result

A. Testify student 006, Window size, Severity 3

B. Test with large amount of text content

C. If the question or answer includes large amount of text content, windows should provide scroll ability or windows reliability

A. Testify student 007, Open test, Severity 2

B. Select test file and open the test

C. When student open a new test, the test should start on the first question of the test

A. Testify student 008, Question content, Severity 2

B. Try to modify question field

C. The student should not be able to edit the information that the teacher has created

A. Testify student 009, Multiple-choice question, Severity 1

B. Try to select multiple answers when single answer is required

C. The student should not be able to select more than one answer in the same question

A. Testify student 010, Coding question, Severity 2

B. Try to give compilable/uncompilable code to compile

C. The compilable code should be able to compile and show result; the uncompilable code should not be able to compile and show related error message.

A. Testify student 011, Coding question, Severity 1

B. Try to submit empty answers

C. The test result should still be able to save as empty exam is allowed