
Validation Tests

Team: L02_04

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Validation Tests for User Stories

In our validation testing strategy (More on this in D5), we had students validate these user stories by using our software and following steps to accomplish a specific feature and then asked them for feedback. The steps are listed under each user story.

Any .csv files that need to be opened will be in the same directory as the .py source code.

The credentials for the student profile you will use to test:

Email = s

Password = s

Student ID = 123

The credentials for the professor profile you will use to test:

Email = p

Password = p

If the application is closed, run python3 SignIn.py from the terminal to get back to the Sign In page.

1. As a Professor (Bob), I want to register a professor profile.
 1. From the Sign In screen, click the Professor Registration Button
 2. Enter your credentials into the Professor Profile Registration Window
 3. When finished, click Submit
 4. Open the Users.csv file and you should see the profile credentials there

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2. As a Student (Sara), I want to be able to make a student profile.
 1. From the Sign In screen, click the Student Registration Button
 2. Enter your credentials into the Student Profile Registration Window
 3. When finished, click Submit
 4. Open the Users.csv file and you should see the profile credentials there
 3. As a Professor (Bob), I want each student's version of each question to be different, by having randomized numerical values.
 1. From the Sign In screen, log in as a professor
 2. Click Display Assignment
 3. Click Create New Assignment
 4. Choose the various questions by ID
 5. Enter the information about the assignment to be created
 6. Click Submit
 7. Now each student's question for an assignment will be different
 4. As a Professor (Bob), I want to be able to select questions from the database and create an assignment (a collection of questions) for the students to answer.
 1. From the Sign In screen, log in as a professor

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2. Click Display Assignment
 3. Click Create New Assignment
 4. Choose the various questions by ID
 5. Enter the information about the assignment to be created
 6. Click Submit
 7. Open the Assignment.csv to view the newly created assignment

5. As a Professor (Bob), I want to add/view/edit/remove questions from my text file after I've created them.

1. Open the questions.csv file with Microsoft Excel or any program that reads .csv files
2. To remove questions, highlight its row and then delete it.
3. To edit the questions, click the respective columns and edit it.
4. To add questions, first log in as a professor from the Sign In page.
 1. Then press the Add Question button
 2. Follow the instructions in this window and when finished, press confirm.
 3. Open the questions.csv file and you will see your question on a row.

6. As a Professor (Bob), I want to be the only one able to add/edit/delete questions from a csv file.

1. Log in as a student from the Sign In window.
2. From the options menu, make sure there is no Add Question button.
3. Then Sign Out
4. Start up the program again using `python3 SignIn.py`
5. Log in as a professor from the Sign In window.
6. Now you should see the Add Question button in the options menu.

7. As a Student (Lucas), I want to be able to answer questions for an assignment using the system and submit my answers.

1. Log in as a student from the Sign In Window.
2. Click Display Assignments to view all your assignments
3. Click the View button beside each assignment to view its questions
 1. Each assignment will pop up its own window
4. Input your answer in the text boxes to the right of the question
5. Press Submit to submit your assignment. (Your most recent attempt will be recorded)
6. Close the window when you are finished

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7. To check that your answer was recorded, open the Assignment_x.csv file where x = the student ID
 8. As a Professor, I want to check if the student's answers are correct for the assignment once they submit it.
 1. When a student answers an assignment, a .csv file is created specifically for them that records the most recent attempt for all assignments.
 2. Go into the src directory (which will be opened for you) and open the Assignment_x.csv files where x = student ID.
 3. Here you can see the student's answers once they've submitted.
 9. As a professor (Bob) or student (Alice), I want to be able to log in and have a menu to display possible features I can do based on my user type. (ie. Students can view and complete assignments while professors create new assignments and view the ones they've made.) (3 story points)
 1. From the sign in page, log in as a professor.
 2. An options menu will prompt up to show your available options
 3. Sign out and then do the same with a student.
 4. You should see an options menu prompt with available options
 10. As a student (Sara), I want to be able to see a list of assignments that are both completed and incomplete along with relevant information about them such as deadline and assignment name. (6 story points)

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1. From the sign in page, log in as a student.
 2. An options menu will prompt up, click Display Assignments
 3. Here a list will display the Assignment name, Due date and give you the ability to view its questions.
 1. If you see nothing, then that means you don't have any assignments.