

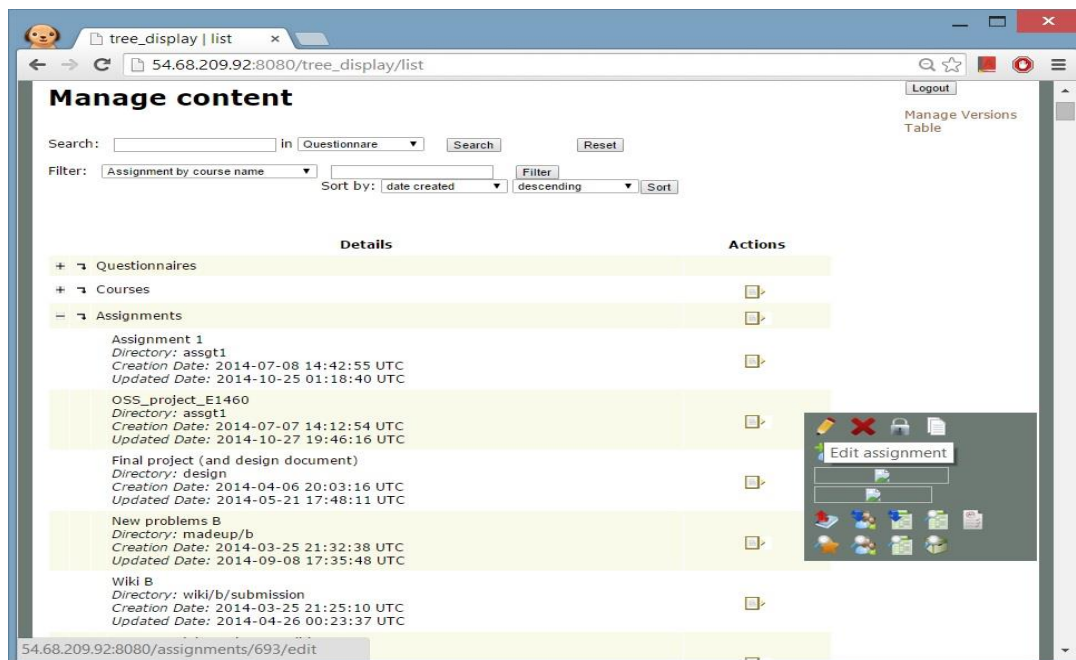
# OSS Project – Readme

## Project Name - E1460: Refactoring StudentQuiz Controller

(\*Note – The server was becoming non-responsive after step 11 because a particular query is consuming too much memory on the server, causing the server to hang and crash eventually. However, the below steps demonstrate how this functionality should be tested ideally.)

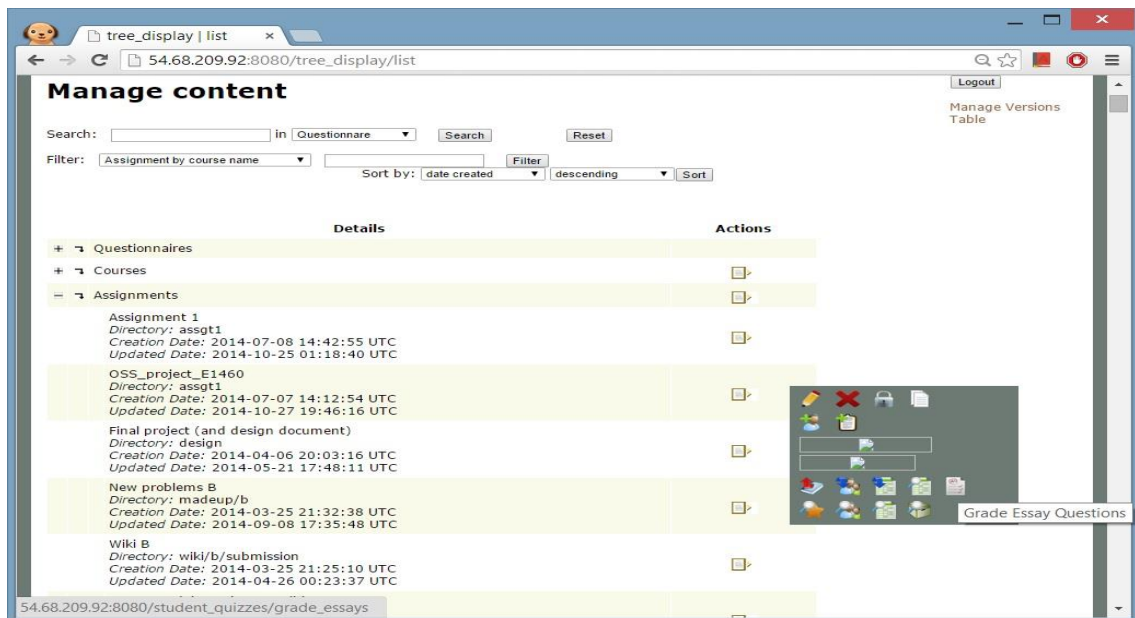
Please follow the steps as mentioned below to test the functionality:

- 1) Log-in to Expertiza as an instructor (Username: **user2**, Password: **password**).
- 2) Go to the Menu Bar and click on the **Manage > Assignments** option.
- 3) Search for an assignment named **OSS\_project\_E1460**.
- 4) Click on the **Edit Assignment** option as shown below:



- 5) In the **General** Tab – Check the **Has Quiz?** option for this assignment.
- 6) Enter the number of questions that you want each quiz for that assignment to contain.
- 7) Click on the **Save** button.
- 8) Go to the Menu Bar and click on the **Manage > Impersonate User** option.
- 9) Now, impersonate the user **user5100** (who is a participant in this assignment).
- 10) Once the impersonation is successful, you will be redirected to the page that display's **user5100's** task list.
- 11) Select the assignment **OSS\_project\_E1460** from this page.

- 12) Click on **Your Work**.
- 13) Submit any URL (<https://www.google.com/>) in the **Hyperlinks** section of this page.
- 14) Go to the bottom of the page and click on the **Create Quiz** link in the **Quiz** section of this page.
- 15) Enter the name of the quiz, questions in the quiz, the type to which each of the questions belong (Multiple Choice - Single Correct Answer, Multiple Choice – Multiple Correct Answers, True/False or Essay), the hints for these questions and the answers for these questions.
- 16) Save the quiz by clicking on the **Create Quiz** option at the bottom of the page.
- 17) Now, impersonate the user **user5101** (who is another participant in this assignment).
- 18) Select the same assignment (**OSS\_project\_E1460**) for which you previously created a quiz.
- 19) Go to the **Quiz** Link.
- 20) Select a quiz to attempt from the list of quizzes shown on the page and then click on the **Select Quiz** button.
- 21) Begin the quiz selected above.
- 22) Once you have completed this quiz click on the **Submit Quiz** button.
- 23) You should now be able to see your score for that quiz.
- 24) Now, impersonate the user **user2** (The Instructor) again to grade the **Essay** type questions (if any) that were present in the quiz.
- 25) Go to the Menu Bar and click on the **Manage > Assignments** option.
- 26) Go to the **Grade Essay Questions** option for the **OSS\_project\_E1460** assignment as shown below:



- 27) Select a Score of 0 or 1 for an essay answer.
- 28) Click on the **Submit Grade** button.
- 29) Go to the Menu Bar and click on the **Manage > Impersonate User** option.
- 30) Now, impersonate the user **user5101** again, so that he can view his essay scores.
- 31) Select the same assignment (**OSS\_project\_E1460**) for which you previously created a quiz.
- 32) Go to the **Quiz** link.
- 33) Select the **View** option for the same quiz that you just graded with user2.
- 34) You should now be able to see your updated score for that quiz on that page.