



Test Case Report

CSE299.4(NbM)

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Group Members:

- 1. Mohammad Nuruddin Zunayed 2131130642**
- 2. Aminul Islam Arafat 2132536642**

Page: Login Page

Expected Input: User is expected to click on the "Sign in with Google" button.

Expected Output: User is redirected to dashboard after being authenticated by Google OAuth.

Test Case 1:

User Input: Clicks on the Sign in button.

Expected Output: User is redirected to dashboard.

Retrieved Output: User is redirected to dashboard.

Status: Passed

Test Case 2:

User Input: User tries to bypass the login page using "/dashboard".

Expected Output: User is redirected to login page.

Retrieved Output: User is redirected to login page.

Status: Passed

Test Case 3:

User Input: User tries to bypass the login page using "/newAssessment".

Expected Output: User is redirected to login page.

Retrieved Output: User is redirected to login page.

Status: Passed

Test Case 4:

User Input: User tries to bypass the login page using "/*". Here "*" means any path except the defined path in the navigation router.

Expected Output: User is redirected to login page.

Retrieved Output: User is redirected to login page.

Status: Passed

Test Case 5:

User Input: User doesn't give permission in the required scope

Expected Output: User is requested to give permission in the scope.

Retrieved Output: User is requested to give permission in the scope.

Status: Passed

Page: Create New Assessment Form

Expected Input: Assessment Name, Google Sheet Link of Emails, Google Sheet Link of Questions and Rubrics, Related PDF Files, Deadline. All the mentioned fields are to be filled and then submitted.

Expected Output: After submitting, a new assessment is created in the database. Along with that, a google form is created with the questions provided in the google sheet and the form is further shared with the students through emails given in the google sheet. At last, the web app is redirected to the dashboard and the new assessment is shown there.

Test Case 1:

User Input: Empty form submitted.

Expected Output: System request the user to fill up every input field of the form.

Retrieved Output: System request the user to fill up every input field of the form.

Status: Passed

Test Case 2:

User Input: Giving any other link instead of google sheet link sheet link input boxes along with other inputs.

Expected Output: System will request the user to give a google sheet link.

Retrieved Output: System request the user to give a google sheet link.

Status: Passed

Test Case 3:

User Input: Image file is selected instead of pdf files in the pdf files input box.

Expected Output: System will request the user to select pdf files.

Retrieved Output: System request the user to select pdf files.

Status: Passed

Test Case 4:

User Input: Past date is given in the deadline input field.

Expected Output: System will request the user to select a date in the future.

Retrieved Output: System request the user to select a date in the future.

Status: Passed

Test Case 5:

User Input: All the inputs are given correctly.

Expected Output: System will work.

Retrieved Output: System works.

Status: Passed

Test Case 6:

User Input: Google sheets are not according to given format.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 7:

User Input: Google sheets are according to given format but on different cells.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 8:

User Input: Google sheets are according to given format but no column heading given.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 9:

User Input: Name column missing in email sheet.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 10:

User Input: ID column missing in email sheet.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 11:

User Input: Email column missing in email sheet.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 12:

User Input: Question column missing in Rubrics sheet.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 13:

User Input: Levels column missing in Rubrics sheet.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 14:

User Input: Marks column missing in Rubrics sheet.

Expected Output: System will show error and request user to fix it.

Retrieved Output: System crashes.

Status: Failed

Test Case 15:

User Input: Google sheets are not shared with the g-service account.

Expected Output: System will show error and request user to give permission.

Retrieved Output: System crashes.

Status: Failed

Page: Dashboard (Generate Result Button)

Expected Input: User clicks on the generate result button.

Expected Output: After clicking on the button, the google form responses are collected and assessed. Marks obtained after assessing the responses are then added to a new google sheet which is further shared with the user via email.

Test Case 1:

User Input: Generate Result button clicked.

Expected Output: System will generate a google sheet link where marks of the students will be present.

Retrieved Output: System generates a google sheet link where marks of the students will be present.

Status: Passed

Test Case 2:

User Input: Generate Result button clicked but no google form responses found.

Expected Output: System will generate a blank google sheet link where the empty columns will be present.

Retrieved Output: System generates a blank google sheet link where the empty columns will be present.

Status: Passed

Test Case 3:

User Input: Generate Result button clicked but some student couldn't answer some question and left blank.

Expected Output: System will mark the answer as 0 and add to the google sheet.

Retrieved Output: System adds 0 to the google sheet.

Status: Passed

Test Case 4:

User Input: Generate Result button clicked and the user left.

Expected Output: System will not generate the result and end the process.

Retrieved Output: System crashes.

Status: Failed