

PART 1

WEB APPLICATION

Description:

This part will go through the functionality of admin, quality team, dean, lecturer, alumni and student in web application.

The functions included are:

1. Sign Up
2. Login
3. Forgot Password
4. Manage Profile
5. Manage Role
6. Manage Survey
7. Automatically Distribute Survey
8. Respond to Survey
9. Manage Curriculum Content
10. Link Curriculum Content to PEOs
11. Manage PEO
12. Track Survey Progress
13. View Progress Reports
14. Generate Reports
15. Export Reports

Performed by:

1. Admin
2. Quality Team
3. Dean
4. Lecturer
5. Alumni
6. Student

1.0

Sign Up

Description:

This section allows a new user to register for an account. Upon successful sign up, the user will be automatically assigned the student role and redirected to the student dashboard. Role upgrades are managed separately by the administrator.

Performed by:

1. Student (full name: Lai Zhi Yuan; email: zhiyuann0904@gmail.com; password: abcd1234)

Remarks:

This test case demonstrates the user registration process using a new user account, which is automatically assigned the student role by default. Only the student role can be registered directly through the system interface. All other roles (admin, lecturer, quality team, dean, alumni) must be upgraded manually by an administrator through the management interface.

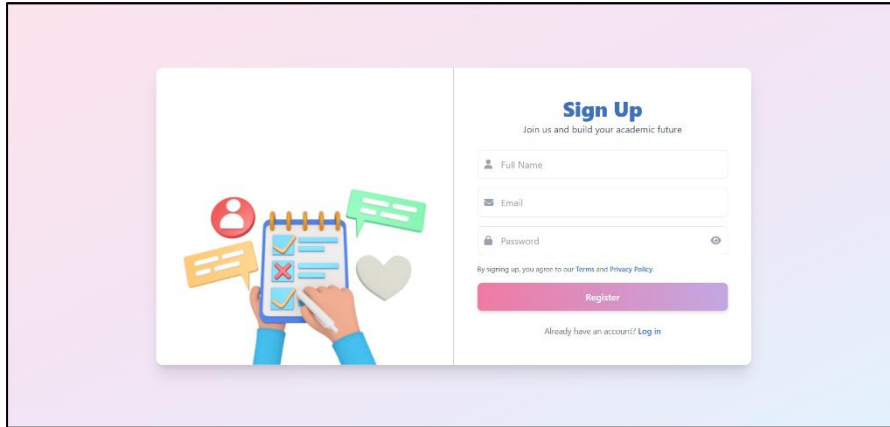


Figure 1.0 (a)

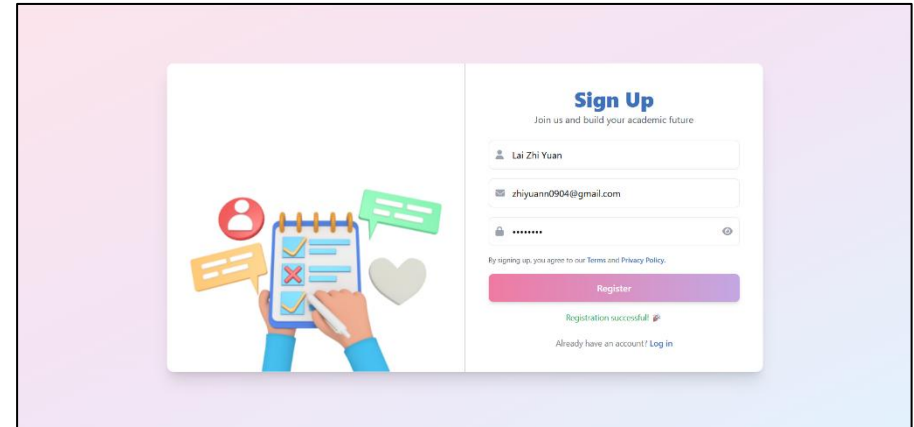


Figure 1.0 (b)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|--|-----------|---------|
| 1.1 | User Registration 1. In Sign Up Page as shown in Figure 1.0 (a), enter full name (Lai Zhi Yuan), email (zhiyuann0904@gmail.com) and password (abcd1234). 2. Click the “Sign Up” button to register the account. | 1. Figure 1.0 (b) will be displayed. Remark: 1. User account is successfully created. 2. System automatically assigns the role as “student”. 3. Success message “Registration successful” is displayed. | Pass | - |

2.0

Login

Description:

This function allows existing users to log into the system using valid credentials. Upon successful login, users are authenticated and redirected to their respective dashboards according to their roles: admin, lecturer, quality team, dean, alumni, and student.

Performed by:

1. Admin (email: admin@email.com, password: admin123)
2. Student (email: zhiyuann0904@gmail.com; password: abcd1234)

Remarks:

This test uses the admin and student roles as representative examples to demonstrate login behaviour and redirection. Other roles such as lecturer, quality team, dean, and alumni follow the same login validation and role-based redirection logic.

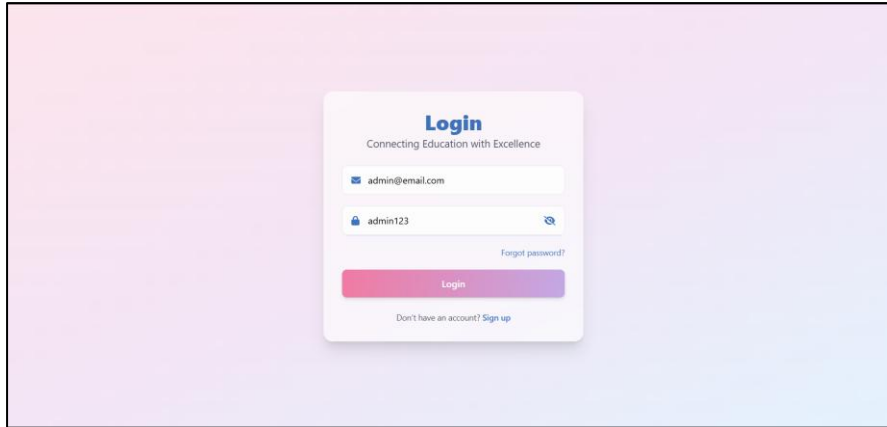


Figure 2.0 (a)

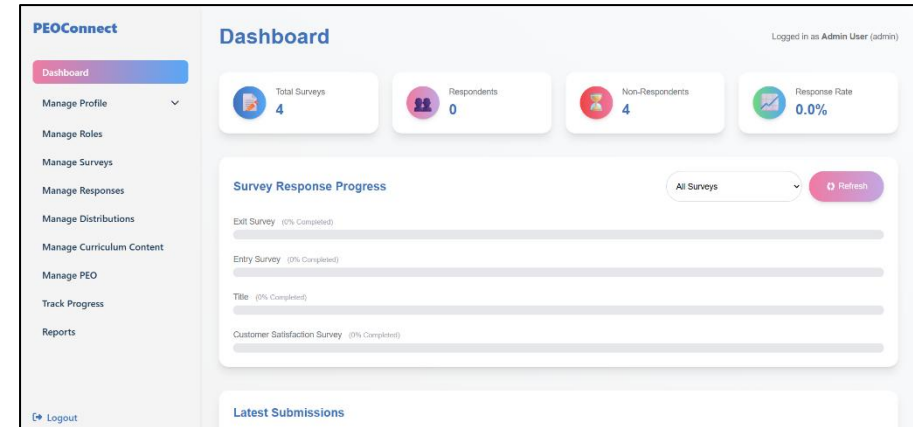


Figure 2.0 (b)

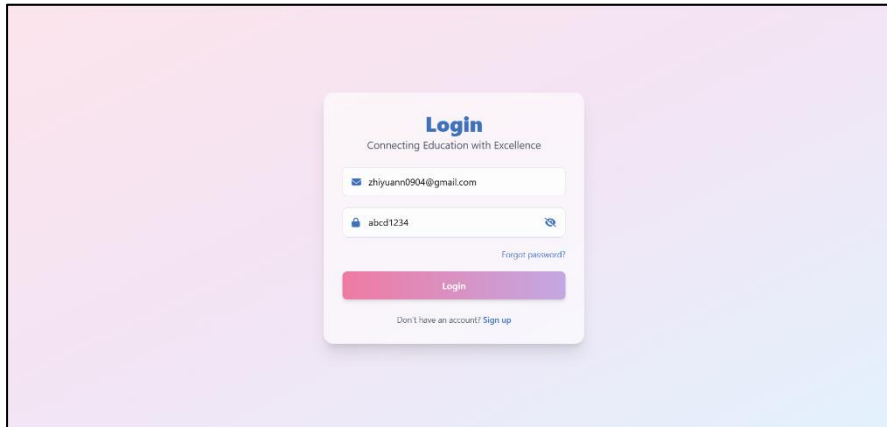


Figure 2.0 (c)

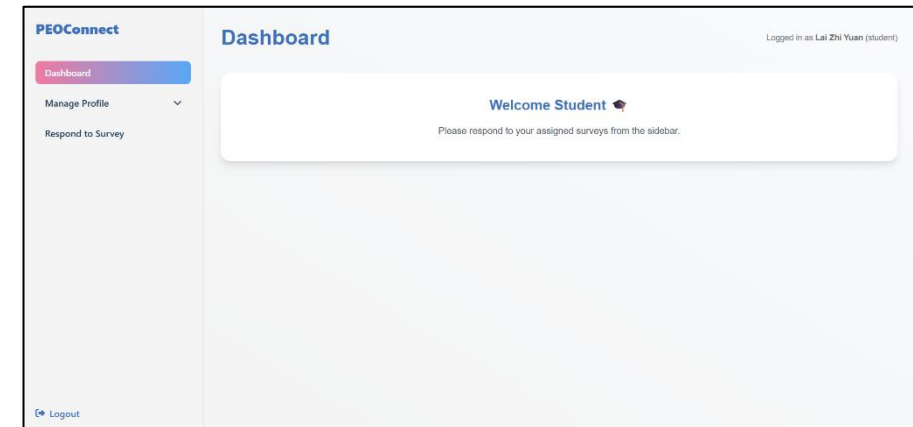


Figure 2.0 (d)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|---|-----------|---------|
| 2.1 | Admin Login 1. On the Login Page Figure 2.0 (a), enter email (admin@email.com) and password (admin123). 2. Click the “Login” button. | 1. Figure 2.0 (b) will be displayed. Remark: 1. User is authenticated successfully. 2. Redirected to the Admin Dashboard. 3. Admin-specific controls and overview are displayed. | Pass | - |
| 2.2 | Student Login 1. On the Login Page as shown in Figure 2.0 (c), enter email (zhiyuann0904@gmail.com) and password (abcd1234). 2. Click the “Login” button. | 1. Figure 2.0 (d) will be displayed. Remark: 1. User is authenticated successfully. 2. Redirected to the Student Dashboard. 3. Student-specific sidebar and content are displayed. | Pass | - |

3.0

Forgot Password

Description:

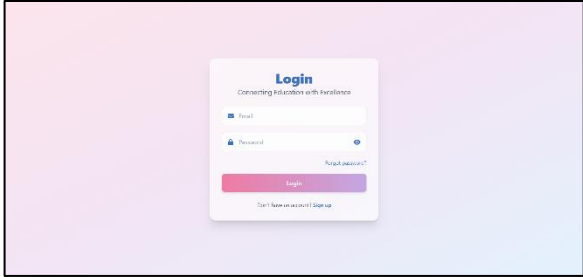
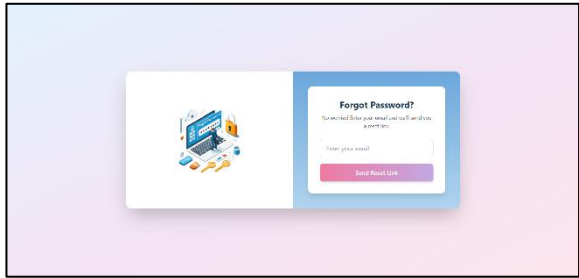
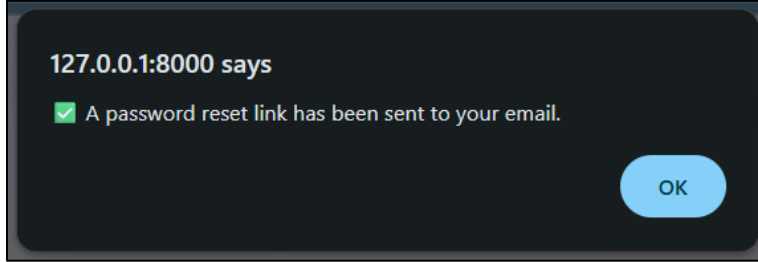
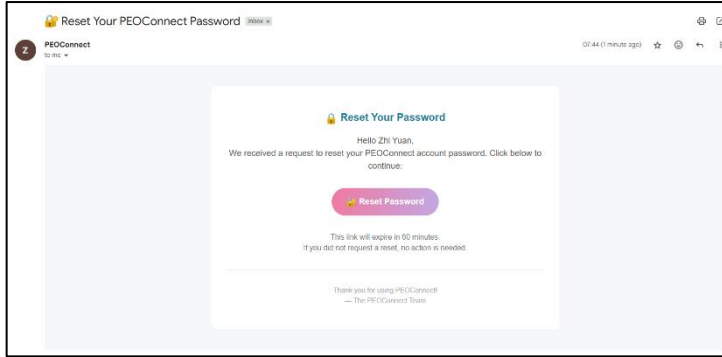
This function allows users who have forgotten their password to reset it by submitting a password reset request using their registered email. A reset link will be sent via email, and the user will be able to enter a new password through a secure page. This test demonstrates the process using the student role.

Performed by:

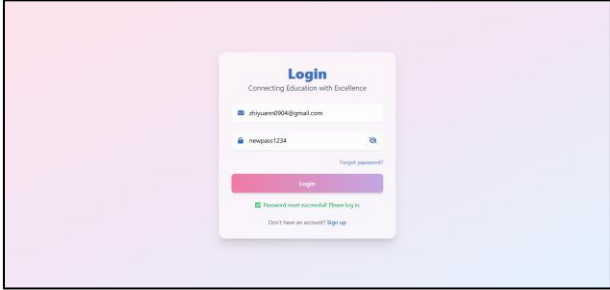
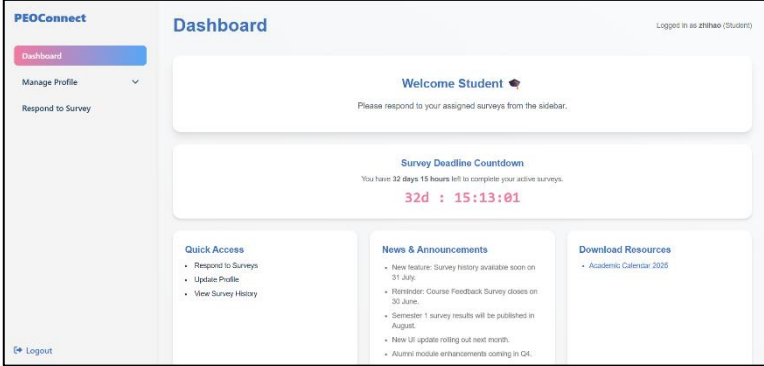
1. Student (email: zhiyuann0904@gmail.com; password: abcd1234)

Remarks:

This test case uses the student role to demonstrate the full password reset flow. The forgot password feature is available to all user roles such as lecturer, quality team, dean, alumni, and student.

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|---|-----------|---------|
| 3.1 | <p>Request Password Reset</p> <p>1. On the Login Page, click the “Forgot Password?” link in Figure 3.0 (a).</p>  <p>Figure 3.0 (a)</p> <p>2. In the Forgot Password Page Figure 3.0 (b), enter registered email (zhiyuann0904@gmail.com).</p>  <p>Figure 3.0 (b)</p> <p>3. Click the “Send Reset Link” button.</p> | <p>1. A confirmation message in Figure 3.0 (c) is displayed: “A password reset link has been sent to your email.”</p>  <p>Figure 3.0 (c)</p> <p>2. A password reset email in Figure 3.0 (d) is sent to the inbox.</p>  <p>Figure 3.0 (d)</p> | Pass | - |

| | | | | |
|------------|--|---|-------------|----------|
| <p>3.2</p> | <p>Access Reset Link</p> <ol style="list-style-type: none"> 1. Open the received email. 2. Click the “Reset Password” button. | <ol style="list-style-type: none"> 1. Redirected to the Reset Password Page in Figure 1.2 (e). <div data-bbox="943 248 1686 604" data-label="Image"> </div> <p>Figure 3.0 (e)</p> <ol style="list-style-type: none"> 2. Form displays email and password fields. | <p>Pass</p> | <p>-</p> |
| <p>3.3</p> | <p>Set New Password</p> <ol style="list-style-type: none"> 1. Enter new password newpass1234 and confirm it. 2. Click “Reset Password”. | <ol style="list-style-type: none"> 1. Password is updated. 2. “Password reset successful! Please log in.” message appears in Figure 3.0 (f). <div data-bbox="936 900 1709 1268" data-label="Image"> </div> <p>Figure 3.0 (f)</p> <ol style="list-style-type: none"> 3. Redirected to the login page. | <p>Pass</p> | <p>-</p> |

| | | | | |
|-----|---|--|------|---|
| 3.4 | <p>Login with New Password</p> <p>1. On the Login Page in Figure 3.0 (g), enter email (zhiyuann0904@gmail.com) and new password (newpass1234).</p> <div data-bbox="304 419 911 710">  </div> <p>Figure 3.0 (g)</p> <p>2. Click “Login”.</p> | <p>1. Login is successful.</p> <p>2. Redirected to the Student Dashboard in Figure 3.0 (h).</p> <div data-bbox="936 308 1697 676">  </div> <p>Figure 3.0 (h)</p> | Pass | - |
|-----|---|--|------|---|

4.0

Manage Profile

Description:

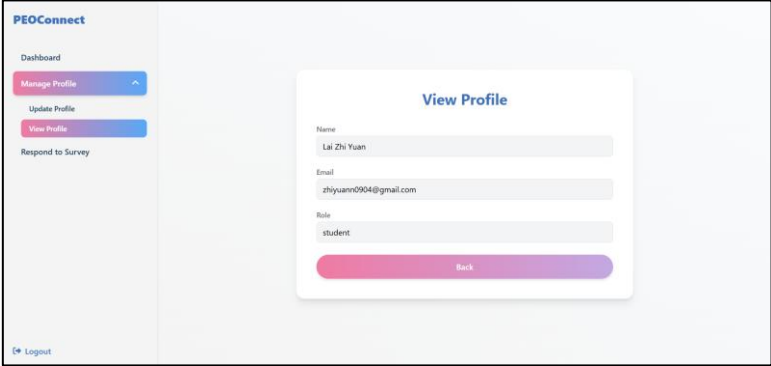
This function allows a logged-in user to view and update their profile information such as name, email, and password. Profile management helps ensure that users can maintain up-to-date personal information within the system. This test demonstrates the process using a student account.

Performed by:

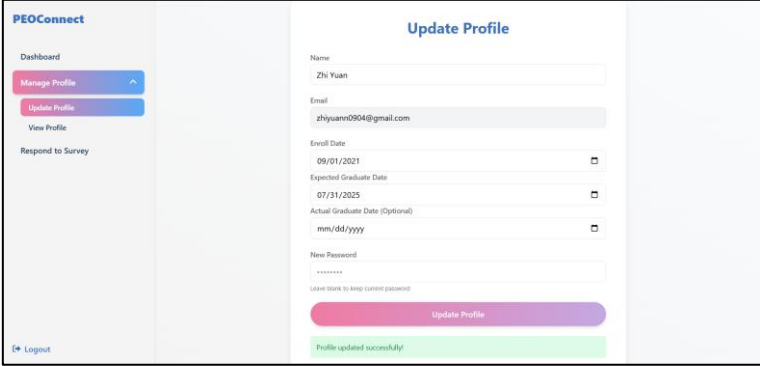
1. Student (email: zhiyuann0904@gmail.com; password: newpass1234)

Remarks:

1. This test case is executed using the student role to cover all editable profile fields.
2. The manage profile function is available to all user roles: admin, lecturer, quality team, dean, alumni, and student.
3. Only student and alumni roles are required to fill in Enroll Date, Expected Graduate Date, and Actual Graduate Date fields. These fields are hidden for other roles.

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|---|-----------|---------|
| 4.1 | <p>View Profile</p> <p>1. After login as student, click on “Manage Profile” then select “View Profile” in the sidebar menu shown in Figure 4.0 (a).</p> | <p>1. Profile Page is displayed in Figure 4.0 (b) with user information: Name, Email and Role.</p>  <p>Figure 4.0 (b)</p> | Pass | - |

| | | | | |
|-----|---|--|------|---|
| 4.2 | <p>Update Profile</p> <p>1. Under tab “Manage Profile” select “Update Profile” from sidebar.</p> <div data-bbox="293 363 871 1027" data-label="Image"> <p>The screenshot shows the PEOConnect Dashboard. On the left, there is a sidebar with four buttons: 'Manage Profile' (highlighted in pink), 'Update Profile' (blue), 'View Profile' (blue), and 'Respond to Survey' (blue). The main area of the dashboard is light gray and contains the same four buttons. The 'Manage Profile' button has a small upward arrow icon on its right side.</p> </div> <p>Figure 4.0 (c)</p> | <p>1. Update Profile Page is shown in the Figure 4.0 (d).</p> <p>2. Profile Page displayed with user information: Name, Email and for students/alumni – Enroll Date, Expected Graduate Date, and Actual Graduate Date.</p> <div data-bbox="936 419 1697 785" data-label="Image"> <p>The screenshot shows the 'Update Profile' page in the PEOConnect system. The page has a light gray background. On the left, there is a sidebar with four buttons: 'Dashboard' (blue), 'Manage Profile' (pink), 'Update Profile' (blue), 'View Profile' (blue), and 'Respond to Survey' (blue). The main area of the page is white and contains the 'Update Profile' form. The form has the following fields: 'Name' (text input with value 'Lai Zhi Yuan'), 'Email' (text input with value 'zhuyuan0904@gmail.com'), 'Enroll Date' (date picker with value 'mm/dd/yyyy'), 'Expected Graduate Date' (date picker with value 'mm/dd/yyyy'), 'Actual Graduate Date (Optional)' (date picker with value 'mm/dd/yyyy'), and 'New Password' (password input with value '*****'). Below the password field is a small text label 'Leave blank to keep current password'. At the bottom of the form is a pink 'Update Profile' button. In the bottom left corner of the page is a blue 'Logout' button.</p> </div> <p>Figure 4.0 (d)</p> | Pass | - |
|-----|---|--|------|---|

| | | | | |
|-----|---|---|------|---|
| 4.3 | <p>Update Profile Information</p> <ol style="list-style-type: none"> 1. Update the name field to (Zhi Yuan) Updated. 2. Enter the current password, then input and confirm a new password (newpass123). 3. Fill in the required fields: <ul style="list-style-type: none"> – Enroll Date: 01/09/2021 – Expected Graduate Date: 31/07/2026 – Actual Graduate Date: Leave blank if not graduated 4. Click the “Update Profile” button. | <ol style="list-style-type: none"> 1. All inputs are validated successfully. 2. System saves the updated name, password, and enrollment/graduation dates. 3. A success message such as “Profile updated successfully” is displayed. 4. Result will be displayed in Figure 4.0 (e). <div data-bbox="936 531 1693 898">  </div> <p style="text-align: center;">Figure 4.0 (e)</p> | Pass | - |
|-----|---|---|------|---|

5.0


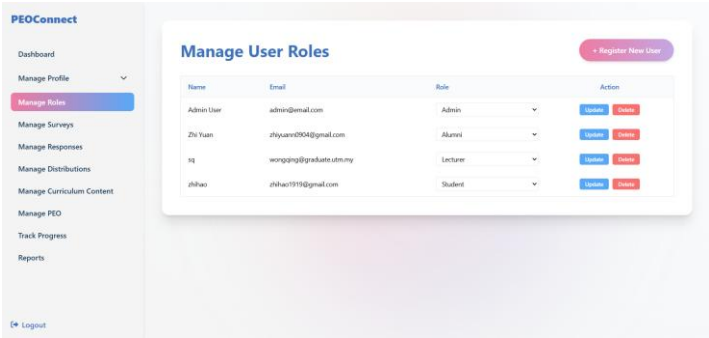
Manage Roles

Description:

This function allows the admin to manage user roles in the system. Admins can search for users, view their current roles, and update them (assign or change roles such as lecturer, dean, quality team, student or alumni).

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|--|-----------|---------|
| 5.1 | <p>Manage Roles</p> <p>1. After logging in as Admin, navigate to “Manage Roles” as shown in Figure 5.0 (a).</p>  <p>Figure 5.0 (a)</p> | <p>1. Figure 5.0 (b) will be displayed.</p>  <p>Remark:</p> <p>1. Admin can modify the users’ role at here.</p> | Pass | - |

6.0

Manage Survey


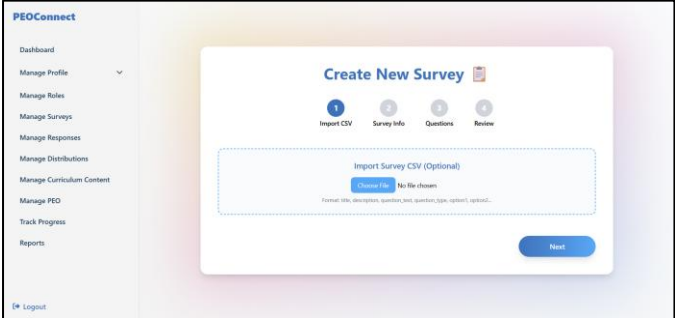
Description:

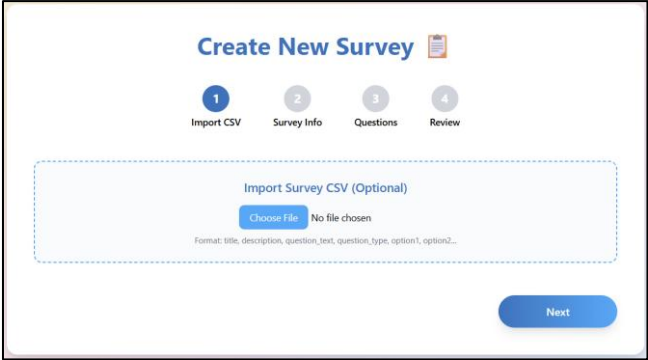

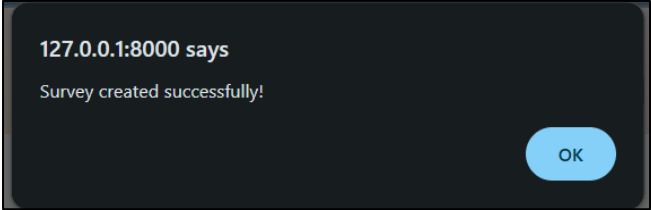
This function allows authorized users to manage surveys, including creating surveys manually or import survey from CSV, editing surveys and delete surveys. Only users with the roles, admin, quality team, dean, or lecturer are permitted to access this module. This test is demonstrated using the admin role.

Performed by:

2. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|---|-----------|---------|
| 6.1 | Manage Surveys 1. After logging in as admin, navigate to “Manage Surveys” as shown in Figure 6.0 (a). <div data-bbox="284 419 880 1013" data-label="Image"> </div> <div data-bbox="481 1023 674 1064" data-label="Caption"> <p>Figure 6.0 (a)</p> </div> | 1. Admin will be redirect to “Manage Surveys” page as shown in Figure 6.0 (b). <div data-bbox="963 363 1632 689" data-label="Image"> </div> <div data-bbox="1202 699 1400 740" data-label="Caption"> <p>Figure 6.0 (b)</p> </div> | Pass | - |

| | | | | |
|-----|--|---|------|---|
| 6.2 | <p>Create New Survey</p> <p>1. Click the “+Create New Survey” button.</p>  <p>Figure 6.0 (c)</p> | <p>1. Figure 6.0 (d) is displayed.</p>  <p>Figure 6.0 (d)</p> | Pass | - |
|-----|--|---|------|---|

| | | | | |
|-----|---|---|------|---|
| 6.3 | <p>Create New Survey by Import File (Optional)</p> <p>1. Click “Choose File” button then select file to upload.</p> <div data-bbox="286 363 931 724"></div> <p>Figure 6.0 (e)</p> <p>2. Click “Next” button and double check if the Title, Description, Question and Question Type being selected correctly.</p> <div data-bbox="445 976 712 1050"></div> <p>Figure 6.0 (f)</p> | <p>1. After successfully create survey, system will pop out a message showed that “Survey created successfully”.</p> <div data-bbox="969 308 1617 518"></div> <p>Figure 6.0 (h)</p> | Pass | - |
|-----|---|---|------|---|

3. Click “Create Survey” button to create the survey.

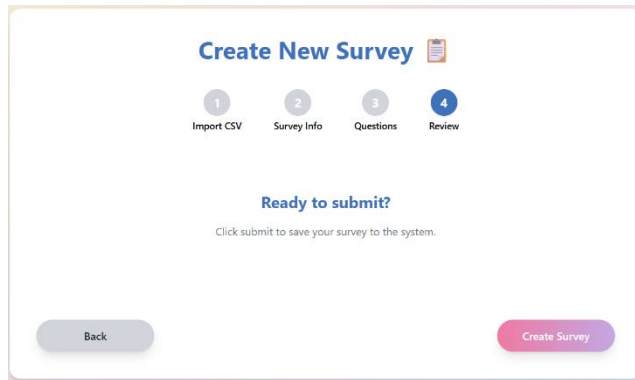
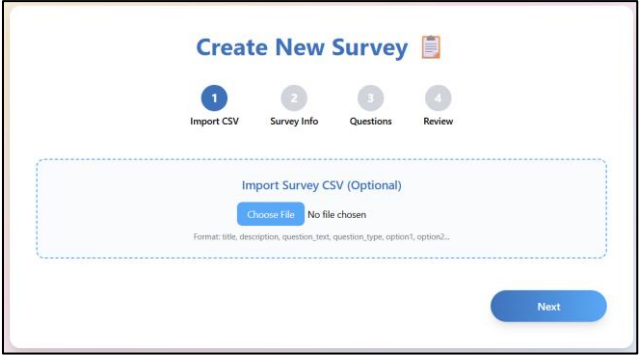
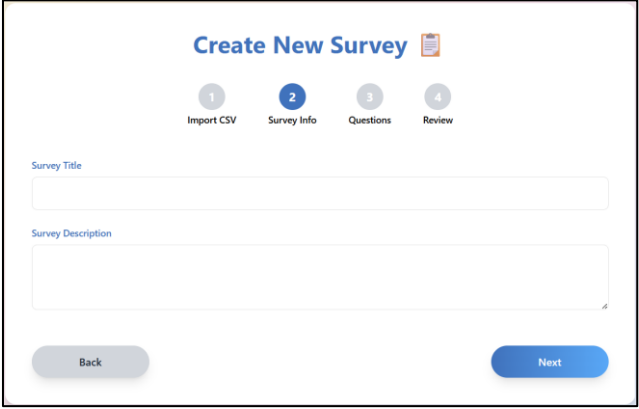
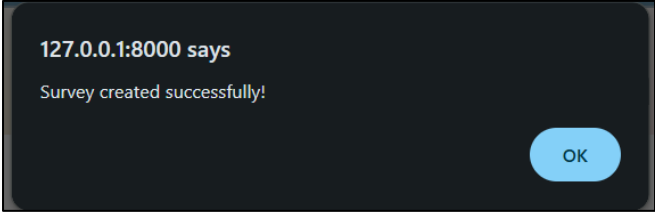


Figure 6.0 (g)

| | | | | |
|-----|---|---|------|---|
| 6.4 | <p>Create Survey Manually</p> <p>1. Click “Next” button on the page below as this page is for import survey function.</p>  <p>Figure 6.0 (i)</p> <p>2. Fill in the Survey Title, Survey Description. Then click “Next” button.</p>  <p>Figure 6.0 (j)</p> | <p>1. After successfully create survey, system will pop out a message showed that “Survey created successfully”.</p>  <p>Figure 6.0 (m)</p> | Pass | - |
|-----|---|---|------|---|

3. Click “+Add Question” to add the Survey Question. Then click “Next” button.

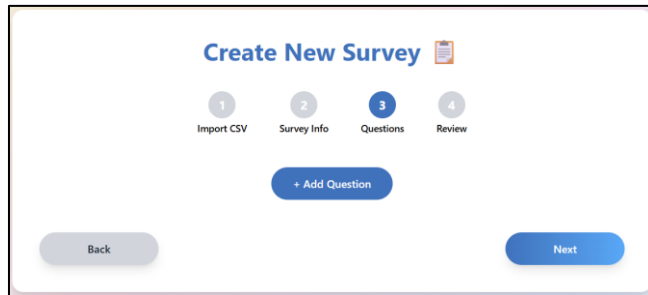


Figure 6.0 (k)

4. Click “Create Survey” to submit new survey.

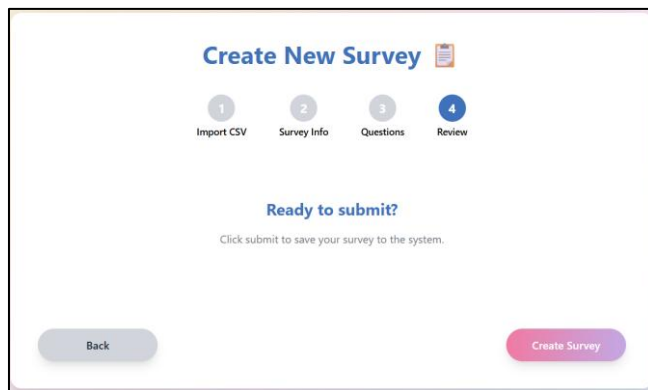
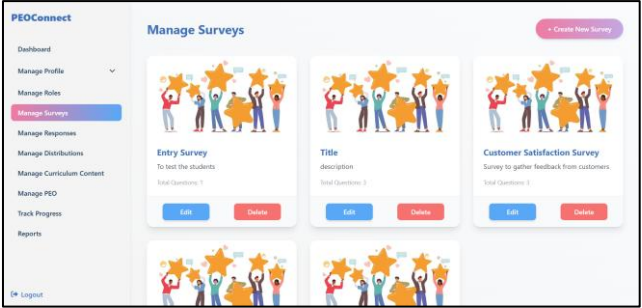
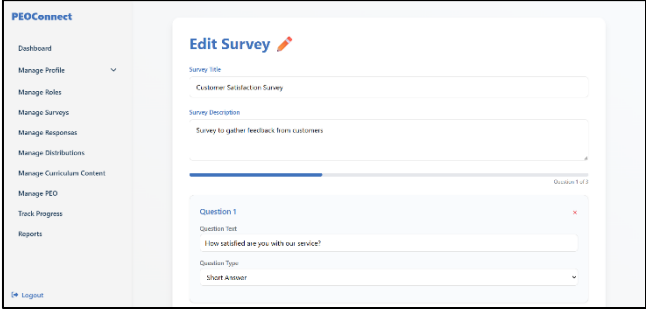
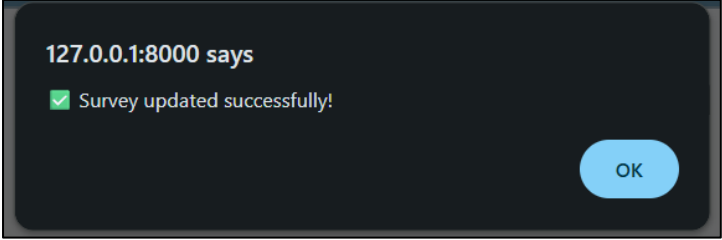
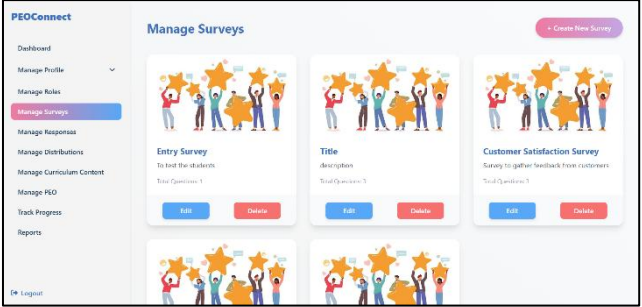
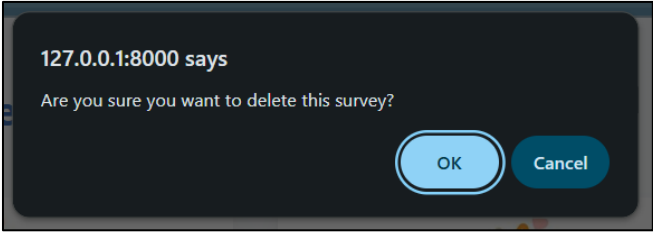
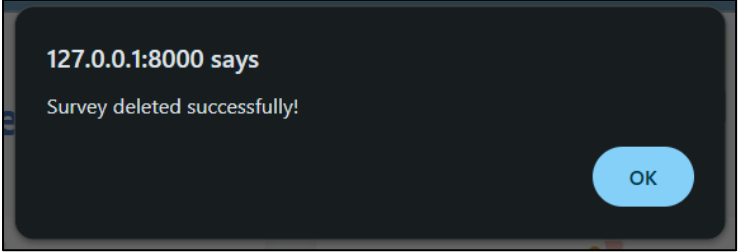


Figure 6.0 (l)

| | | | | |
|-----|---|--|------|---|
| 6.5 | <p>Edit Survey</p> <p>1. In the survey list, click “Edit” on an existing survey.</p>  <p>Figure 6.0 (n)</p> <p>2. Update Title, Description, or survey questions.</p>  <p>Figure 6.0 (o)</p> <p>3. Click “Update Survey”.</p> | <p>1. After update the survey, system will pop out a message showed that “Survey updated successfully”.</p>  <p>Figure 6.0 (p)</p> | Pass | - |
|-----|---|--|------|---|

| | | | | |
|-----|--|---|------|---|
| 6.6 | <p>Delete Survey</p> <p>1. In the survey list, click “Delete” on an existing survey.</p>  <p>Figure 6.0 (q)</p> <p>2. A pop up message will showed “Are you sure you want to delete this survey?”</p>  <p>Figure 6.0 (r)</p> | <p>1. After you click “OK”, it will showed pop up message “Survey deleted successfully!”</p>  <p>Figure 6.0 (s)</p> | Pass | - |
|-----|--|---|------|---|

7.0

Automatically Distribute Survey

Description:

This function allows authorized users to automatically distribute active surveys to the appropriate users based on role and survey configuration. The system ensures only eligible recipients (e.g., students or alumni) receive surveys that are active and scheduled. This test is demonstrated using the admin role.

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|---|-----------|---------|
| 7.1 | <p>Manage Distribution</p> <p>1. After logging in as admin, navigate to “Manage Distribution” as shown in Figure 7.0 (a).</p> <div data-bbox="302 475 835 585" data-label="Image"> </div> <p>Figure 7.0 (a)</p> | <p>1. Figure 7.0 (b) is shown.</p> <div data-bbox="913 309 1664 668" data-label="Image"> </div> <p>Figure 7.0 (b)</p> | Pass | - |

| | | | | |
|-----|---|---|------|--|
| 7.2 | <p>Create New Distribution</p> <p>1. Click button “+Create New Distribution”, figure as shown as in Figure 7.0 (c).</p> <div data-bbox="327 323 822 427" data-label="Image"> </div> <p>Figure 7.0 (c)</p> <p>2. Figure 7.0 (d) will pop up.</p> <div data-bbox="302 552 777 999" data-label="Form"> </div> <p>Figure 7.0 (d)</p> <p>3. Admin are required to fill in the select survey, target audience, date field by using the dropdown option. While for the start date, end date and scheduled active date, admin can pick through the calendar.</p> | <p>1. Figure 7.0 (e) will be displayed, which mean the distribution is created successfully.</p> <div data-bbox="916 308 1664 555" data-label="Image"> </div> <p>Figure 7.0 (e)</p> | Pass | <p>System will perform checking daily at 8:00 AM and automatically distribute out the survey to the respondents.</p> |
|-----|---|---|------|--|

8.0

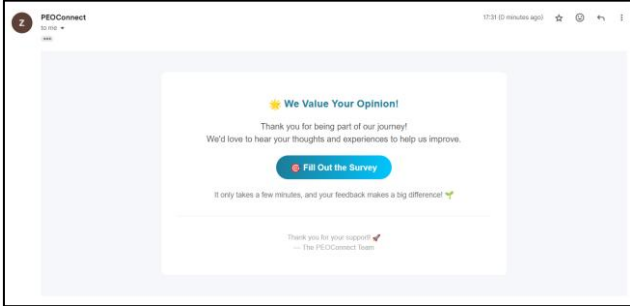
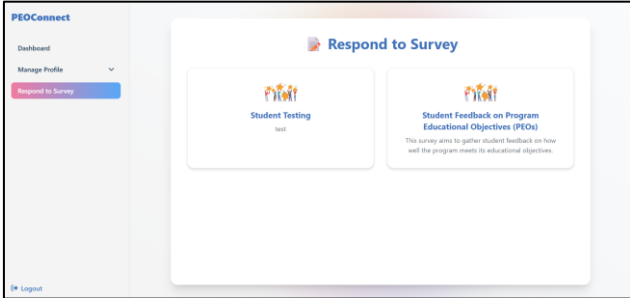
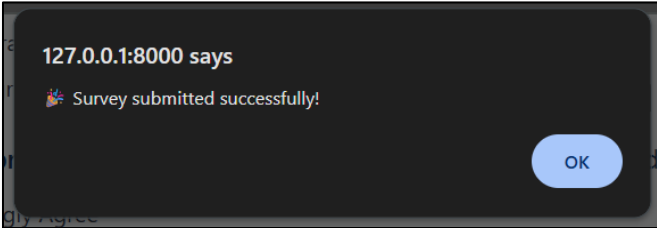
Respond to Survey

Description:

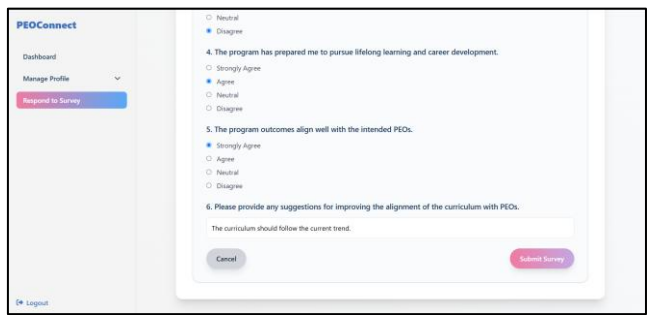
This function allows students and alumni to respond to surveys that have been distributed to them. Only surveys that are currently active, within the defined start and end dates, and targeted at the user's role will be shown. The user can view survey details, fill out answers to survey questions, and submit their responses. The system will validate inputs and store the responses in the database.

Performed by:

1. Student (email: zhiyuann0904@gmail.com, password: newpass123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|--|-----------|---------|
| 8.1 | <p>Access survey via email</p> <p>1. Student or Alumni receive the email, then click the “Fill Out the Survey” button.</p>  <p>Figure 8.0 (a)</p> <p>2. Display eligible surveys after login.</p>  <p>Figure 8.0 (b)</p> | <p>1. Figure 8.0 (d) is displayed, which mean the survey is submitted successfully.</p>  <p>Figure 8.0 (d)</p> | Pass | - |

3. Submit valid survey response.



The screenshot shows the PEOConnect web application. On the left is a sidebar with the logo 'PEOConnect' and navigation links: 'Dashboard', 'Manage Profile' (with a dropdown arrow), and 'Respond to Survey' (highlighted in a blue bar). At the bottom of the sidebar is a 'Logout' link. The main content area displays a survey form. At the top of the form are two radio button options: 'Neutral' and 'Disagree', with 'Disagree' selected. Below this are two numbered questions: '4. The program has prepared me to pursue lifelong learning and career development.' and '5. The program outcomes align well with the intended PEOs.' Each question has four radio button options: 'Strongly Agree', 'Agree', 'Neutral', and 'Disagree'. For question 4, 'Disagree' is selected. For question 5, 'Strongly Agree' is selected. Below question 5 is question 6: 'Please provide any suggestions for improving the alignment of the curriculum with PEOs.' with a text input field containing the placeholder 'The curriculum should follow the current trend.' At the bottom of the form are two buttons: 'Cancel' and 'Submit Survey'.

Figure 8.0 (c)

4. Click “Submit Survey” button to submit survey responses.

9.0

Manage Curriculum Content


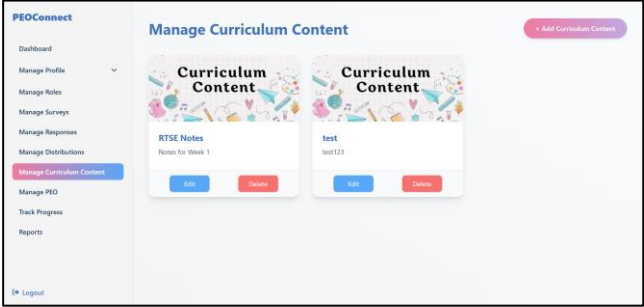
Description:


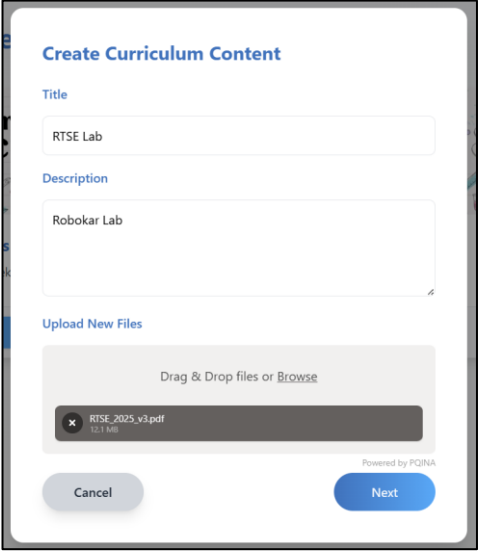

This function enables Admin and Lecturer to manage curriculum content by performing Create, Read, Update, and Delete (CRUD) operations. As part of this process, users can link each curriculum content item to one or more Program Educational Objectives (PEOs) by selecting them from a predefined list. This linkage supports outcome-based education tracking and ensures curriculum alignment with institutional goals.

Users can also upload supporting documents when creating or editing curriculum content. The system provides a structured form for data entry, including title, description, PEO selection, and file upload. All curriculum entries are displayed in a list view with options to edit or delete. Only users with the Admin or Lecturer role are authorized to perform these actions.

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|-----|--|---|-----------|---------|
| 9.1 | <p>Manage Curriculum Content</p> <p>1. After logging in as admin, navigate to “Manage Curriculum Content” as shown in Figure 9.0 (a).</p>  <p>Figure 9.0 (a)</p> | <p>1. Figure 9.0 (b) is displayed.</p>  <p>Figure 9.0 (b)</p> | Pass | - |

| | | | | |
|-----|---|---|------|---|
| 9.2 | <p>Create New Curriculum Content</p> <p>1. Click “+Add Curriculum Content”.</p> <div data-bbox="315 308 701 391"></div> <p>Figure 9.0 (c)</p> <p>2. Fill in title, description and upload file.</p> <div data-bbox="315 526 790 1080"></div> <p>Figure 9.0 (d)</p> <p>3. Click “Next” button.</p> <p>4. Then, Select Related “PEOs” that are suitable for the Curriculum Content.</p> | <p>1. The newest added curriculum content will be shown in Figure 9.0 (f).</p> <div data-bbox="952 308 1686 657"></div> <p>Figure 9.0 (f)</p> | Pass | - |
|-----|---|---|------|---|

Select Related PEO(s)

Select Related PEO(s):

- ☐ PEO1 - Graduates demonstrate technical competence in engineering fundamentals.
- ☐ PEO2 - Graduates engage in lifelong learning and adapt to evolving technologies.
- ☐ PEO3 - Graduates demonstrate leadership, teamwork, and ethical responsibilities.
- ☐ PEO4 - Graduates contribute to industry and society with innovative solutions.

Back Create

Figure 9.0 (e)
5. Then click “Create” button.

9.3

Edit existing Curriculum Content

1. Click "Edit".

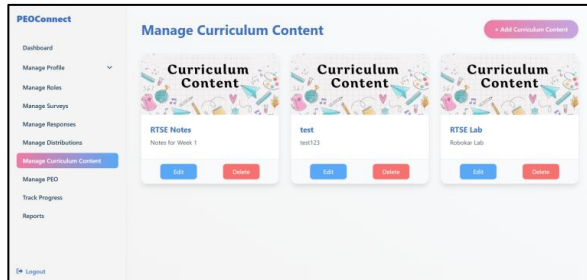


Figure 9.0 (g)

2. Edit title, description.

Figure 9.0 (h)

3. Then click “Next” button.

1. Updated curriculum content will be shown as in Figure 9.0 (j).

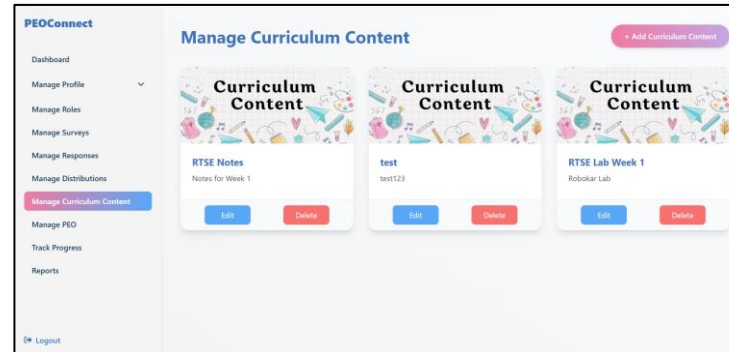
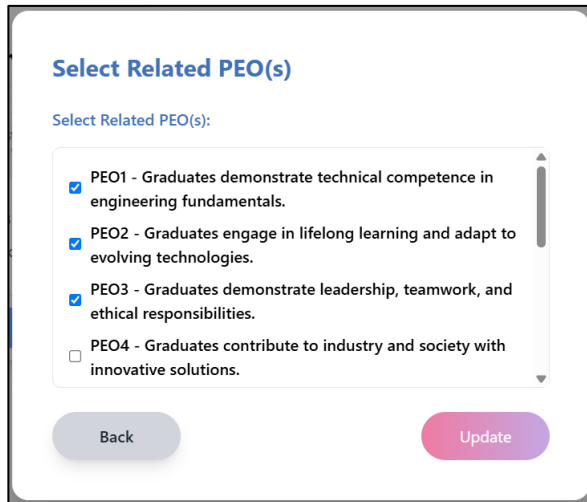


Figure 9.0 (j)

Pass

-

4. Edit the PEOs to match with curriculum content.



Select Related PEO(s)

Select Related PEO(s):

- ☒ PEO1 - Graduates demonstrate technical competence in engineering fundamentals.
- ☒ PEO2 - Graduates engage in lifelong learning and adapt to evolving technologies.
- ☒ PEO3 - Graduates demonstrate leadership, teamwork, and ethical responsibilities.
- ☐ PEO4 - Graduates contribute to industry and society with innovative solutions.

Back Update

Figure 9.0 (i)

5. Then, click “Update” button.

9.4

Delete a Curriculum Content

1. Select an existing curriculum content to be delete.

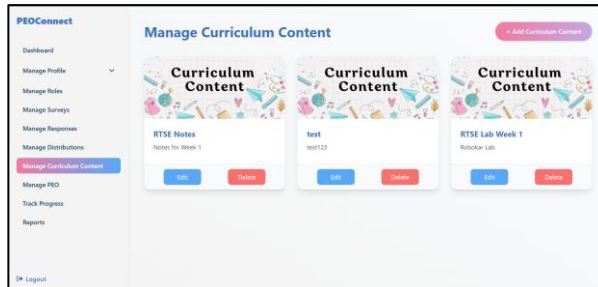


Figure 9.0 (k)

2. Click “delete” button.

3. Then a pop up message will showed “Are you sure you want to delete this content”?

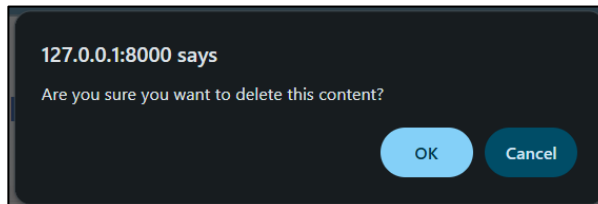


Figure 9.0 (l)

1. Deleted curriculum content will no longer exist in Manage Curriculum Content list.

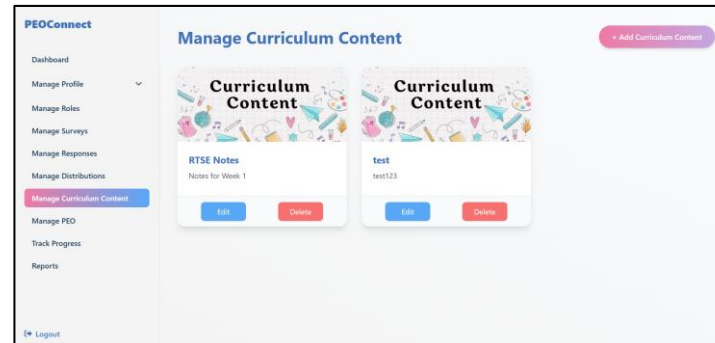


Figure 9.0 (m)

10.0

Link Curriculum Content to PEOs

Linked under: Manage Curriculum Content

Note: This functionality is already included and tested as part of the "Manage Curriculum Content" use case. Refer to UAT section 9.0.

11.0

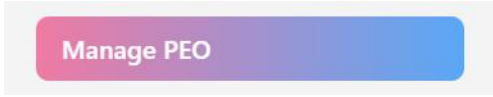
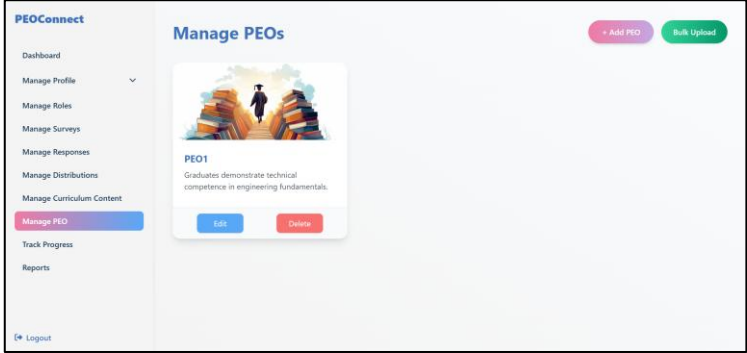
Manage PEO

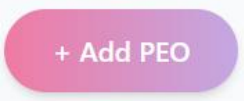
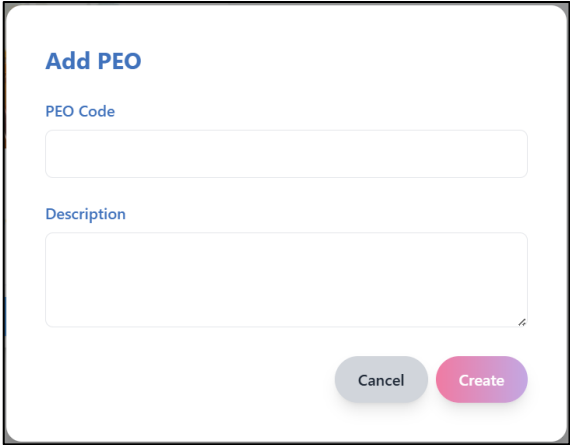
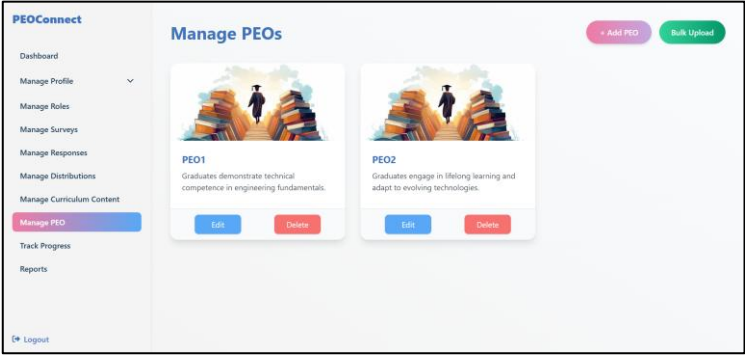
Description:

This function allows the Admin to manage Program Educational Objectives (PEOs) by performing Create, Read, Update, and Delete (CRUD) operations. PEOs are foundational elements used to link with curriculum content for outcome-based education tracking. The Admin can enter the PEO description and manage existing entries from a structured interface. Only users with the Admin role have access to this functionality.

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|------|--|--|-----------|---------|
| 11.1 | <p>Manage PEO</p> <p>1. Click the “Manage PEO” button in the sidebar, as shown in Figure 11.0 (a).</p>  <p>Figure 11.0 (a)</p> | <p>1. Figure 11.0 (b) will be displayed.</p>  <p>Figure 11.0 (b)</p> | Pass | - |

| | | | | |
|------|---|--|------|---|
| 11.2 | <p>Create new PEO</p> <p>1. Click the “+Add PEO” button to create a new PEO.</p>  <p>Figure 11.0 (c)</p> <p>2. A pop up form will be displayed.</p>  <p>Figure 11.0 (d)</p> | <p>1. The latest new PEO will be displayed in Figure 11.0 (f).</p>  <p>Figure 11.0 (f)</p> | Pass | - |
|------|---|--|------|---|

3. Fill in the PEO Code and Description.

The screenshot shows a modal window titled "Add PEO". It contains two input fields. The first field, labeled "PEO Code", contains the text "PEO2". The second field, labeled "Description", contains the text "Graduates engage in lifelong learning and adapt to evolving technologies.". At the bottom right of the modal are two buttons: a grey "Cancel" button and a pink "Create" button.

Figure 11.0 (e)

4. Click “Create” button to create a new PEO.

| | | | | |
|------|---|--|------|--|
| 11.3 | <p>Bulk Upload PEO</p> <p>1. Click the “Bulk Upload” button as showed in Figure 11.0 (f) to create a new PEO.</p> <div data-bbox="421 343 743 464" data-label="Image"> </div> <p>Figure 11.0 (f)</p> <p>2. A bulk upload CSV form will be displayed in Figure 11.0 (g).</p> <div data-bbox="313 657 884 888" data-label="Image"> </div> <p>Figure 11.0 (g)</p> | <p>1. Figure 11.0 (j) will be displayed and said that “ 3 imported, 2 skipped”.</p> <div data-bbox="945 303 1688 557" data-label="Image"> </div> <p>Figure 11.0 (j)</p> <p>2. The PEOs will be uploaded to the PEOs list as shown in Figure 11.0 (k).</p> <div data-bbox="949 743 1693 1102" data-label="Image"> </div> <p>Figure 11.0 (k)</p> | Pass | <p>The other two PEOs were skipped because they are already displayed in the list based on the PEO’s code.</p> |
|------|---|--|------|--|

3. When user click the “Choose File”, then a file selection will pop up as shown in Figure 11.0 (h).

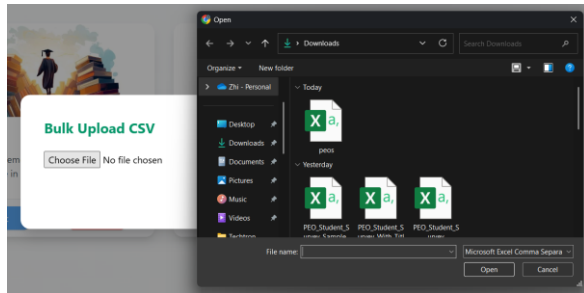


Figure 11.0 (h)

4. User can select their desired file to upload to Manage PEOs page.

5. After user selected the desired file, and the file is uploaded.

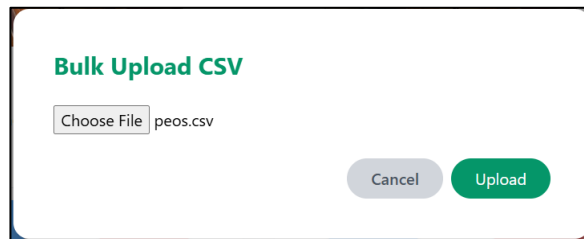
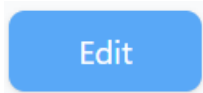
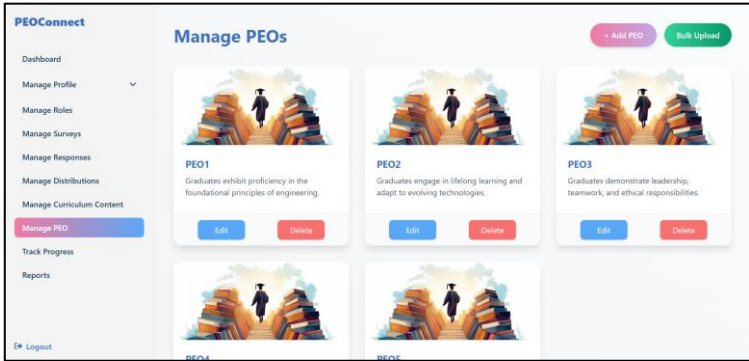
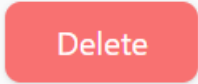
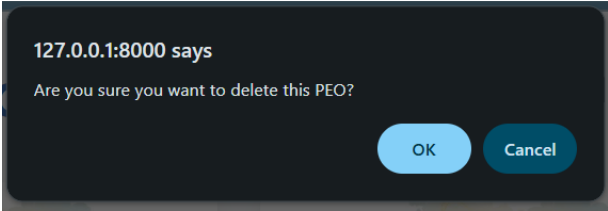
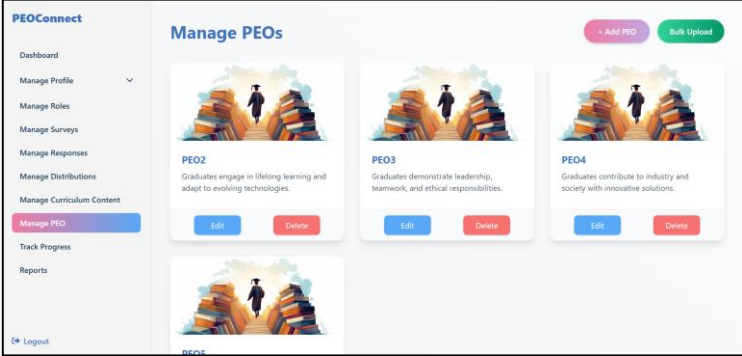


Figure 11.0 (i)

6. Then, click the “Upload” button to upload the PEOs.

| | | | | |
|------|---|--|------|---|
| 11.4 | <p>Edit Existing PEOs</p> <p>1. Click the “Edit” button in Manage PEOs list as shown in Figure 11.0 (l).</p> <div data-bbox="512 360 714 453" data-label="Image"></div> <p>Figure 11.0 (l)</p> <p>2. The Edit PEO form will be displayed with the PEO Code and Description pre-filled as shown in Figure 11.0 (m).</p> <div data-bbox="313 699 904 1163" data-label="Form"><div>Edit PEO</div><div>PEO Code</div><div>PEO1</div><div>Description</div><div>Graduates demonstrate technical competence in engineering fundamentals.</div><div>CancelUpdate</div></div> <p>Figure 11.0 (m)</p> <p>3. User can modify the PEO Code and PEO Description.</p> | <p>1. The updated PEOs will be showed in Figure 11.0 (n).</p> <div data-bbox="947 250 1693 612" data-label="Image"></div> <p>Figure 11.0 (n)</p> | Pass | - |
|------|---|--|------|---|

| | | | | |
|------|--|---|------|---|
| | 4. After the modification, user click “Update” button. | | | |
| 11.5 | <p>Delete PEO</p> <p>1. Click the “Delete” button in Manage PEOs list as shown in Figure 11.0 (o).</p>  <p>Figure 11.0 (o)</p> <p>2. A pop up message showed “Are you sure you want to delete this PEO”?</p>  <p>Figure 11.0 (p)</p> <p>3. User click “OK” to delete the PEO.</p> | <p>1. The deleted PEO will not be displayed in the Manage PEOs list again, as shown in Figure 11.0 (q).</p>  <p>Figure 11.0 (q)</p> | Pass | - |

12.0


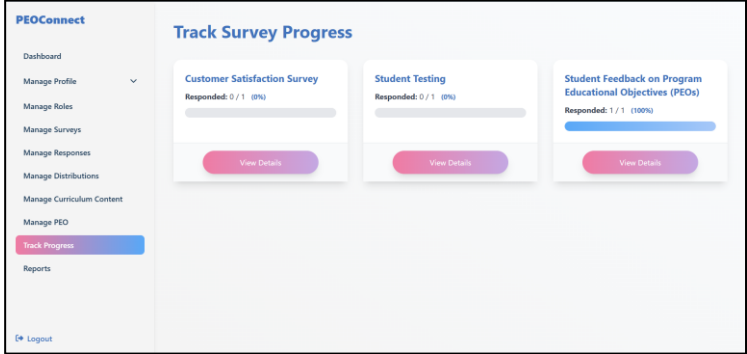
Track Survey Progress





Description:

This function allows the Admin and Quality Team to monitor the progress of survey responses in real-time. The dashboard displays each survey in a card layout, showing the survey title, number of users who have responded out of the total target group, and the completion percentage. A visual progress bar provides an at-a-glance view of response status for each survey. Users can also click the “View Details” button to access more information about a specific survey (if implemented). Only users with the Admin or Quality Team role are authorized to access this feature. This function helps in tracking response rates and identifying surveys that may require follow-up.

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|------|--|--|-----------|---------|
| 12.1 | <p>Track Progress</p> <p>1. Click the “Track Progress” button in the sidebar, as shown in Figure 12.0 (a).</p>  <p>Figure 12.0 (a)</p> | <p>1. Figure 12.0 (b) will be displayed.</p>  <p>Figure 12.0 (b)</p> <p>Remarks:</p> <p>The system displays the “Track Survey Progress” dashboard. Each card correctly shows the title, responded count and a visual progress bar.</p> | Pass | - |

| | | | | |
|------|---|---|------|---|
| 12.2 | <p>View detailed progress</p> <p>1. Click the “View Details” button under a specific survey card on the Track Progress page, as shown in Figure 12.0 (c).</p>  <p>Figure 12.0 (c)</p> | <p>1. The system navigates to or opens a detailed view showing individual response data or breakdown, as shown in Figure 12.0 (d).</p>  <p>Figure 12.0 (d)</p> <p>Remarks:</p> <p>1. Users can perform a search using the search function, as shown in Figure 12.0 (e).</p>  <p>2. Users can apply filters using the dropdown on the right, as shown in Figure 12.0 (f).</p>  <p>Figure 12.0 (f)</p> | Pass | - |
|------|---|---|------|---|

13.0

View Progress Reports

Linked under: Track Survey Progress

Note:

The "View Progress Reports" function is already integrated into the Track Survey Progress module. Detailed progress information, including respondent names, email addresses, and response statuses, is accessible through the “View Details” button within each survey card. Refer to UAT section 12.0.

14.0


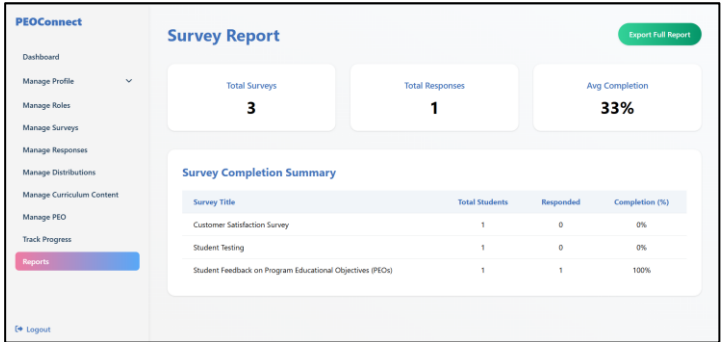
Generate Reports

Description:

The Generate Reports function allows users with the roles of Admin, Quality Team, and Dean to access a comprehensive overview of survey participation. This feature displays a visual summary that includes the total number of surveys distributed, the total number of responses received, and the overall average completion rate. Below the summary, a detailed Survey Completion Summary table is presented, listing each survey along with the corresponding number of targeted students, the number of responses received, and the completion percentage. This provides stakeholders with clear and actionable insights into survey engagement levels.

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|------|---|---|-----------|---------|
| 14.1 | <p>Access the survey report dashboard</p> <p>1. Click the “Reports” button in the sidebar, as shown in Figure 14.0 (a).</p>  <p>Figure 14.0 (a)</p> | <p>1. Figure 14.0 (b) will be displayed.</p>  <p>Figure 14.0 (b)</p> <p>Remarks:</p> <p>1. Each row shows survey title, total students, responded, and completion percentage.</p> | Pass | - |

15.0



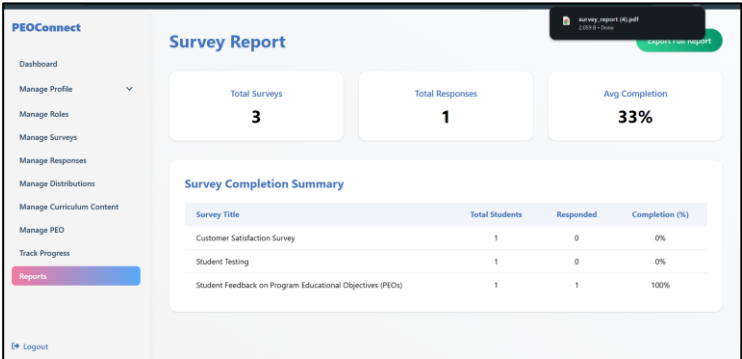
Export Reports

Description:

This use case describes the ability of authorized users to export the survey completion summary as a downloadable report. The exported report contains data such as survey title, total target users, number of respondents, and completion percentage.

Performed by:

1. Admin (email: admin@email.com, password: admin123)

| No | Actions | Expected Results | Pass/Fail | Comment |
|------|--|---|-----------|---------|
| 15.1 | <p>Access the survey report dashboard</p> <p>1. Click the “Reports” button in the sidebar, as shown in Figure 15.0 (a).</p>  <p>Figure 15.0 (a)</p> <p>2. User clicks the “Export Full Report” button, as shown in Figure 15.0 (b).</p>  <p>Figure 15.0 (b)</p> <p>3. System processes and generates the report file.</p> <p>4. File is downloaded automatically.</p> | <p>1. The file is downloaded and being saved automatically in Downloads, as shown in Figure 15.0 (c).</p>  <p>Figure 15.0 (c)</p> | Pass | - |