

CASE STUDY

Learn how Skills Leap Australia helped Engineering Education Australia to consolidate and automate its learning reporting systems in one Canvas reporting dashboard.



LMS

- Canvas

Applications

- Tableau
- Salesforce
- Zoom
- Learning Record Store (LRS)
- SCORM Package

Skills Leap Australia was engaged to analyse the current status and develop a unified solution within Canvas LMS.

SOLUTION

Skills Leap Australia developed an LTI centralised reporting dashboard that presents all the data from Canvas and the external applications in one place in Canvas. The reporting dashboard pulls the data via APIs and presents it in a visually appealing report that can be generated with one click and downloaded as PDF or CSV.

CURRENT STATUS

Engineering Education Australia recognised that it is time-consuming and inefficient to monitor and report students' progress by accessing many applications and pulling the data from each one individually. It was identified that the current status has many issues such as:

- Human errors when consolidating the
- individual reports in one report
- Time-consuming
- Delay in sharing the reports with the clients
- Uninformed Management
- Loss of data
- Lack of holistic view of students' progress
- Lack of "Student Intervention" at the right time

RESULTS

- Zero human errors as there is no need to manually
- consolidate the data from all applications
- Time-saving as the report can be generated with one click
- Reports are shared with the client on time
- Better informed management for decision making
- Zero loss of data
- A holistic view of student's progress
- "Student Intervention" at the right time
- Increased students' satisfaction
- Increased client satisfaction

Engineering Education Australia Reporting, Skill assessment, Attendance and Dashboard LTI

Development Goals Dashboard

Each student has to complete certain assessments to get the goal points, then the points will be used to calculate goals for each students.

Skill Area Bar View



Goals Individual View

Name	Goals	Modules	Goal skill area	Goal status
Goal 1	--	--	--	Not Started
Goal 2	--	--	--	Not Started
Goal 3	--	--	--	Not Started
Goal 4	--	--	--	Not Started
Goal 5	--	--	--	Not Started
Goal 6	--	--	--	Not Started
Goal 1	--	--	--	Not Started
Goal 2	--	--	--	Not Started
Goal 3	--	--	--	Not Started
Goal 4	--	--	--	Not Started
Goal 5	--	--	--	Not Started
Goal 6	--	--	--	Not Started
Goal 1	--	--	--	Not Started
Goal 2	--	--	--	Not Started

Attendance Module

The attendance currently measured into two different ways, one is students will receive unique link via Salesforce CRM and students mark their attendance. Another way the teacher can manually enter the students attendance informations.

Attendance View

Workshop/Webinar Attendance

Workshop Attendance

Name	Personal Empowerment	Project Management
Workshop: Personal	✓	✓
Workshop: Goals	✓	✓
Workshop: Documents	✓	✗
Workshop: Help	✓	✗
Workshop: Rubrics	✓	✓
Workshop: New Analytics	✓	✓
Workshop: Attendance	✓	✓
Workshop: Assignments	✓	✓
Workshop: Modules	✓	✓
Workshop: People	✓	✓
Workshop: Collaborations	✗	✗

Managing Workshops

Manage Workshops

Name	Section	Start date	End date	Webinar
Project Management	GP-170522-02-VET	2022-05-17	2023-11-30	No
Personal Empowerment	GP-270922-01-VP	2022-09-27	2024-03-31	No
Project Management	GP-170522-01-VPS	2022-05-17	2023-11-30	No
Personal Empowerment	GP-170522-01-VPS	2022-05-17	2023-11-30	No
Project Management	GP-105522-02-VPR	2022-05-10	2023-11-30	No
Project Management	GP-105522-01-VRM	2022-05-10	2023-11-30	No
Project Management	GP-290322-02-VP	2022-03-29	2023-09-27	No

Creating a Workshop

Add workshop

Type: Workshop

Section: Select section

Assignment: Select assignment

Campaign: Select Campaign

Display name: []

Submit Cancel

Creating a Live Webinar

Add workshop

Type: Live Webinar

Section: Select section

Assignment: Select assignment

Name: []

Start date: 2023 January 4

End date: 2023 January 4

Submit Cancel

Interface for Teacher To Enter Attendance Information

Workshop Sessions

Section: GP-270922-01-VP

Workshop: GP-270922-01-VP - Attendees

Display name: Personal Empowerment

Type: Workshop

Name	Date	Time	Include for attendance
PM-VW-51	14-3-2023		<input type="checkbox"/> Update
PM-VW-52	15-3-2023		<input type="checkbox"/> Update
PM-VW-53	16-3-2023		<input type="checkbox"/> Update
PE-VW-52	28-9-2022		<input checked="" type="checkbox"/> Update
PE-VW-51	17-9-2022		<input type="checkbox"/> Update

Checking Link For Students

Workshop Sessions

Section: In The Works With An Expert

Workshop: In The Works With An Expert

Type: Webinar

Name	Date	Time	Check-in link
In The Works - Session 1	2022-09-20	11:00	https://www.eea.gov.au/...

Creating a webinar session

Add session

Name: []

Date: 2023 January 4

Time: 09:00

Description: []

Editing a workshop

Edit workshop

Type: Workshop

Section: GP-105522-01-VPR

Assignment: Select assignment

Campaign: Select Campaign

Display name: Project Management

Start date: 2022 May 16

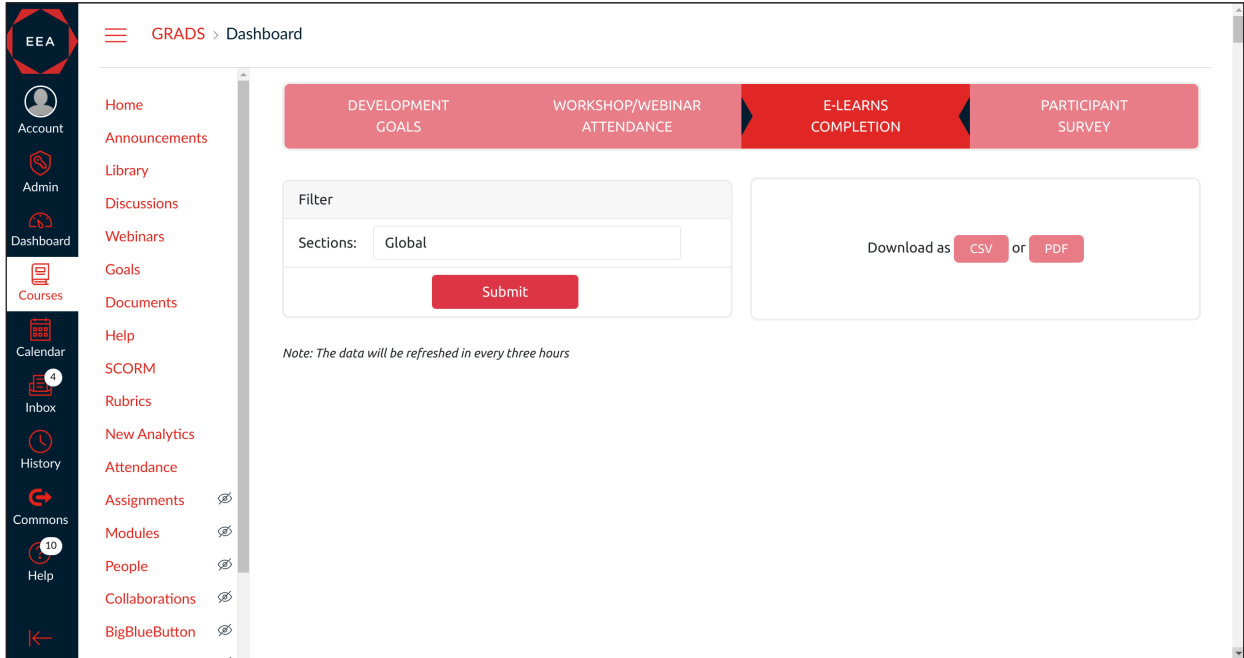
End date: 2023 November 16

Time: 10:00

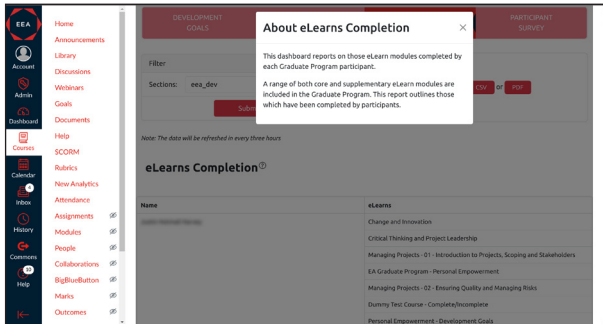
Submit Cancel

E-learning Completion

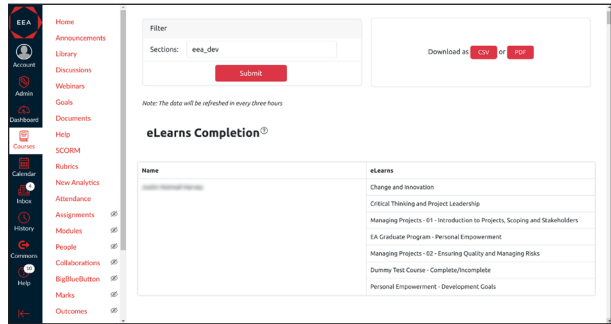
E-learning completion dashboard is used to measure the course progress.



What is e-learning completion?

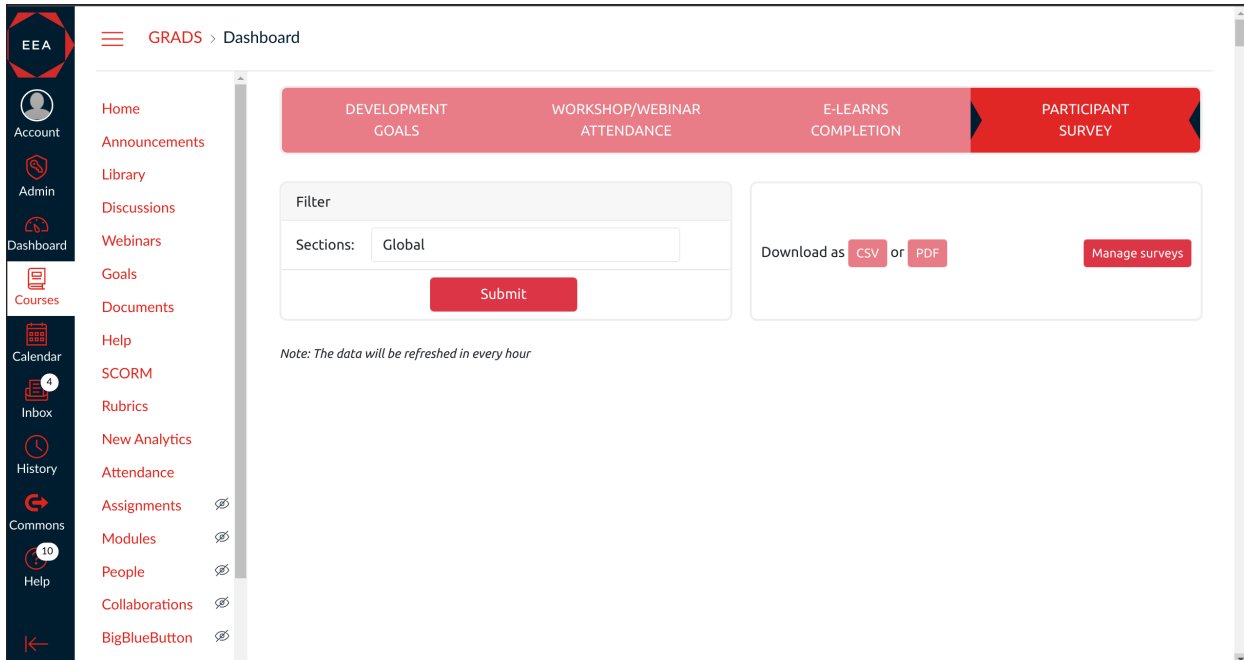


E-learning Completion Progress

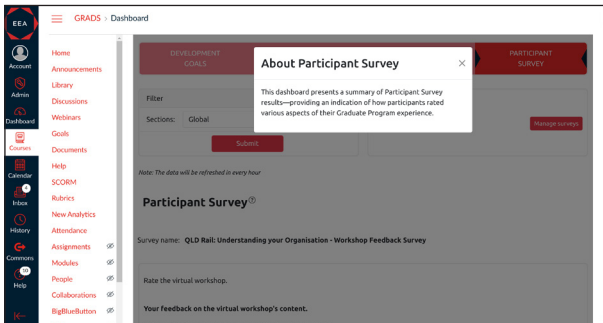


Participant Survey

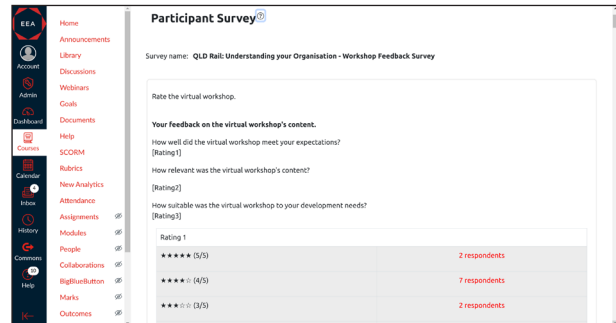
Participant survey is used to get periodic feedbacks from learners.



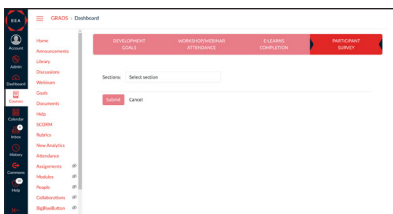
What is participant survey?



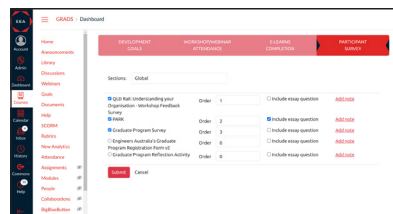
Participant Survey View



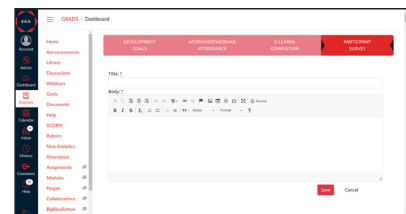
Filter Survey Based On Sections



Survey Configuration page





Survey Description



Overall Report In PDF Format

Finally the overall report can be generated in the pdf format.

E-learning Completion Progress

Development Goals

About Goals Dashboard

This report provides a visual summary of participant progress through the six development goals required to be set, reviewed, and completed throughout the Graduate Program.

The report is comprised of three sections:


- Goals Progress—a summary of overall participant progress per goal, rendered as a pie chart segmented into 'Not Started', 'Set', 'Reviewed' and 'Completed'.
- Skill Areas—a list of the various skill areas chosen by participants for their development goals
- Individual Summaries— a summary of each participant's development goals.

Filter

Section: Global
 Name:
 Goal: All


Goals Progress

Goal 1




Completed

Goal 2



Completed


Goal 3



Completed


E-learning Completion Progress

Goal 4




Completed

Goal 5



Completed

Goal 6



Completed

Skill Areas

- Attention to Detail 1
- Active Listening 2
- Positivity 1
- Initiative 1
- Financial Management 1
- Innovation 1

Goal Details

Name	Goals	Modules	Goal skill area	Goal status
Participant Name	Goal 1	Personal Empowerment	Active Listening	Completed
	Goal 2	Personal Empowerment	Initiative	Completed
	Goal 3	Project Management	Positivity	Completed
	Goal 4	Project Management	Attention to Detail	Completed