D2L BRIGHTSPACE

Higher Education

Using Data to Understand Learner Engagement

Connection Nottingham Nov 2022

Can we measure Engagement?

COURSE ACCESS

TIME IN CONTENT

SOCIAL PARTICIPATION

ASSIGNMENT SUBMISSIONS

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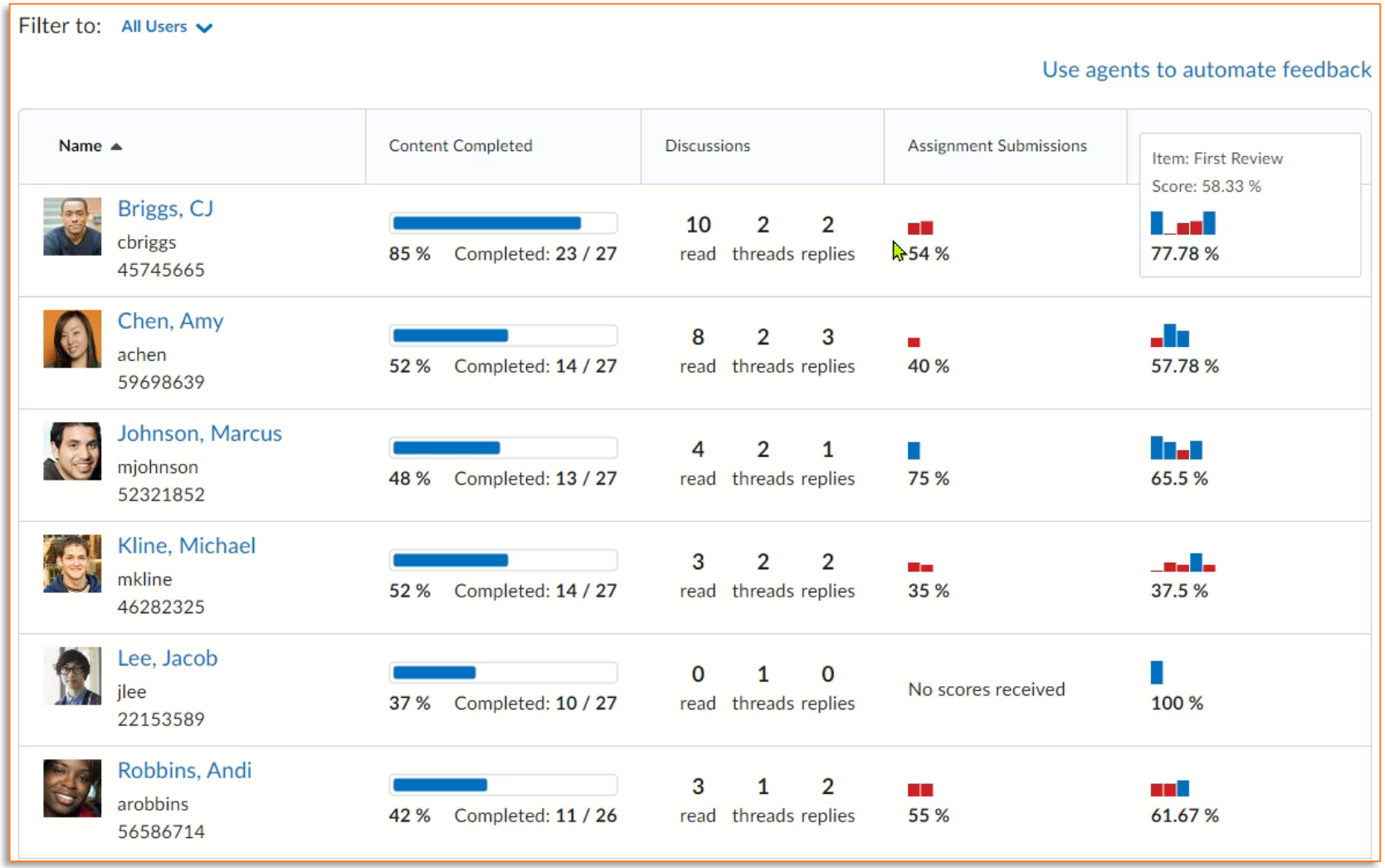
Class Progress

9 Performance Metrics

- Grades Performance
- Assignments Performance
- Discussions Participation
- Content Completion
- System Access (30 Days)
- Survey Completion
- Quiz Performance
- Objectives Completion
- Checklist Completion



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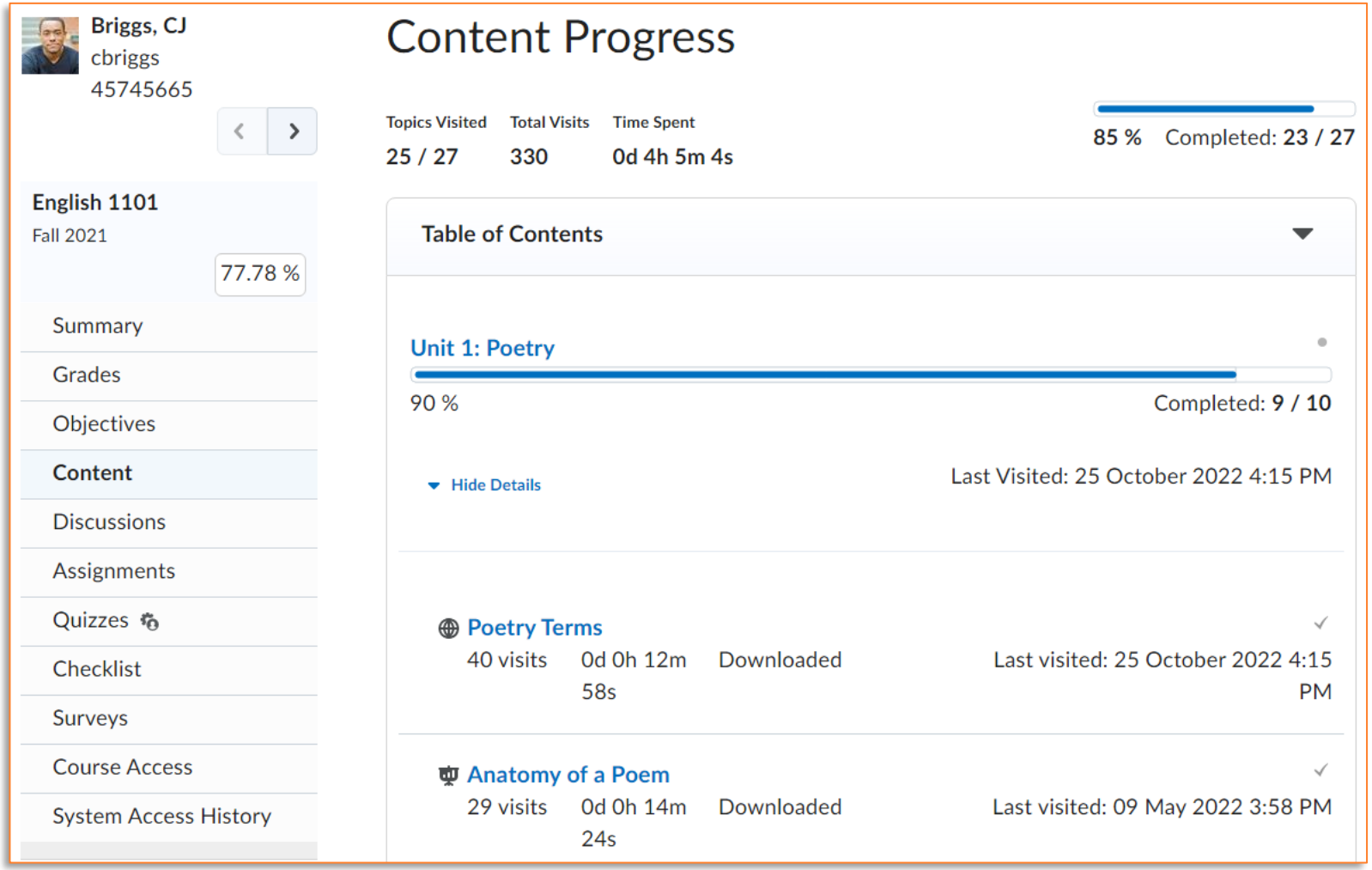

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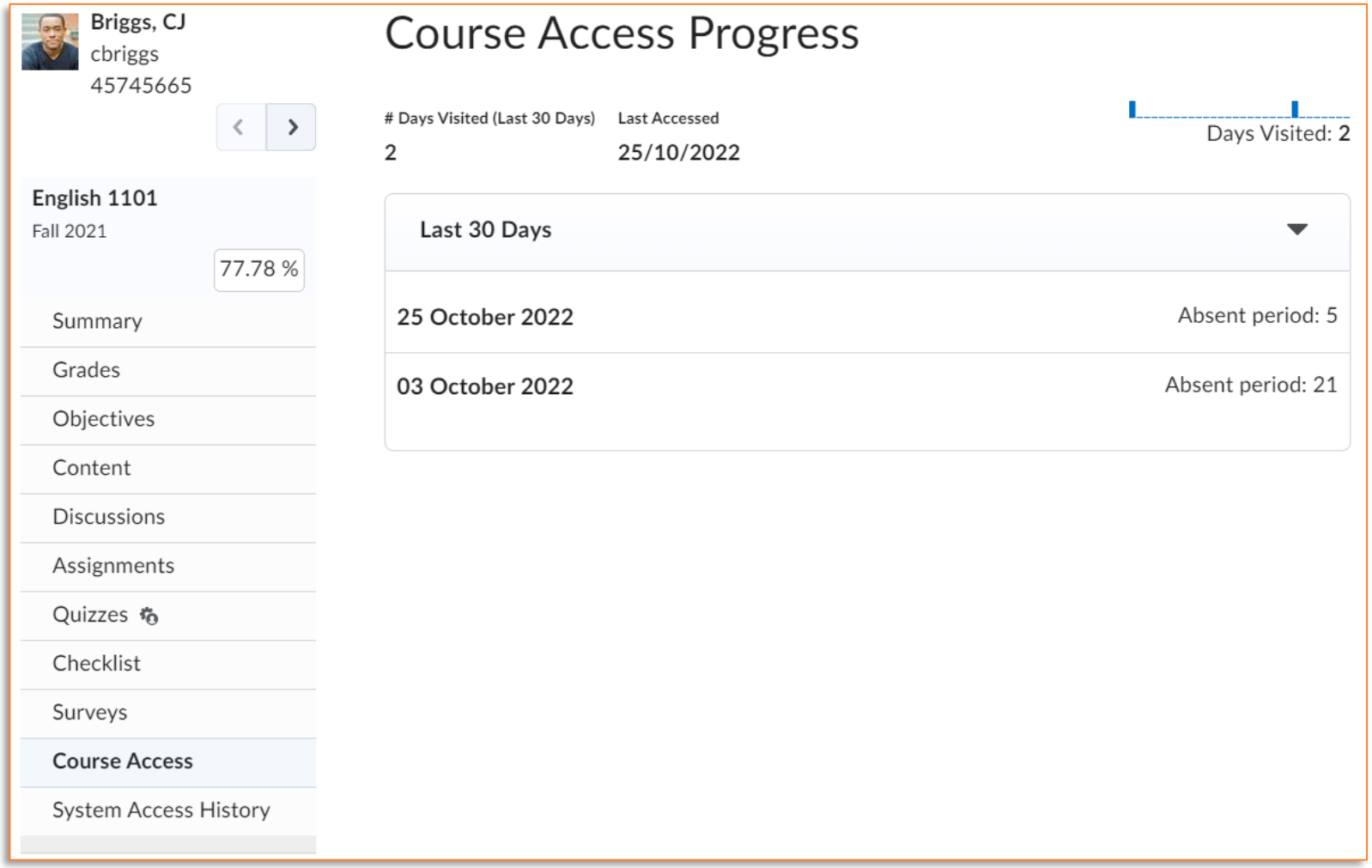

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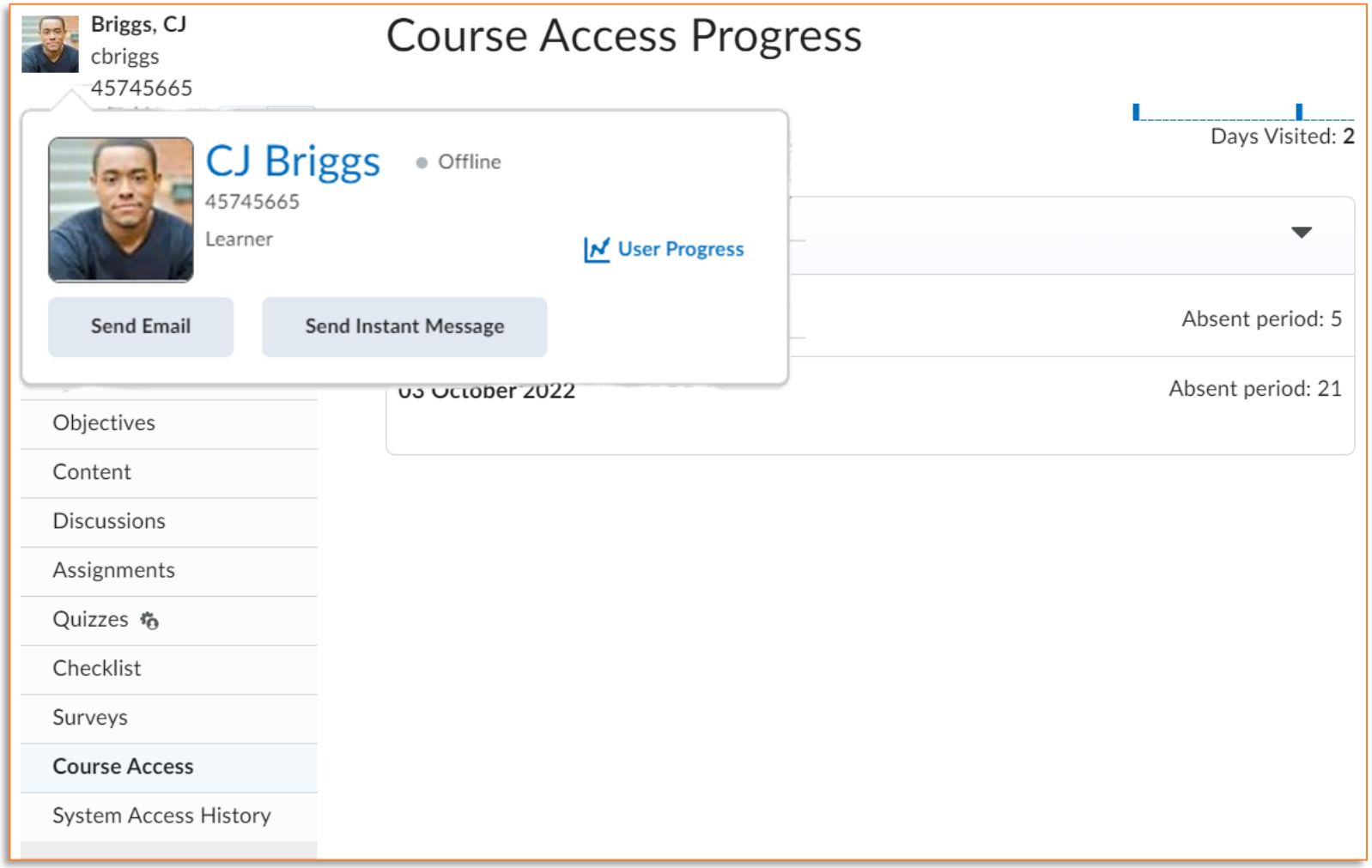

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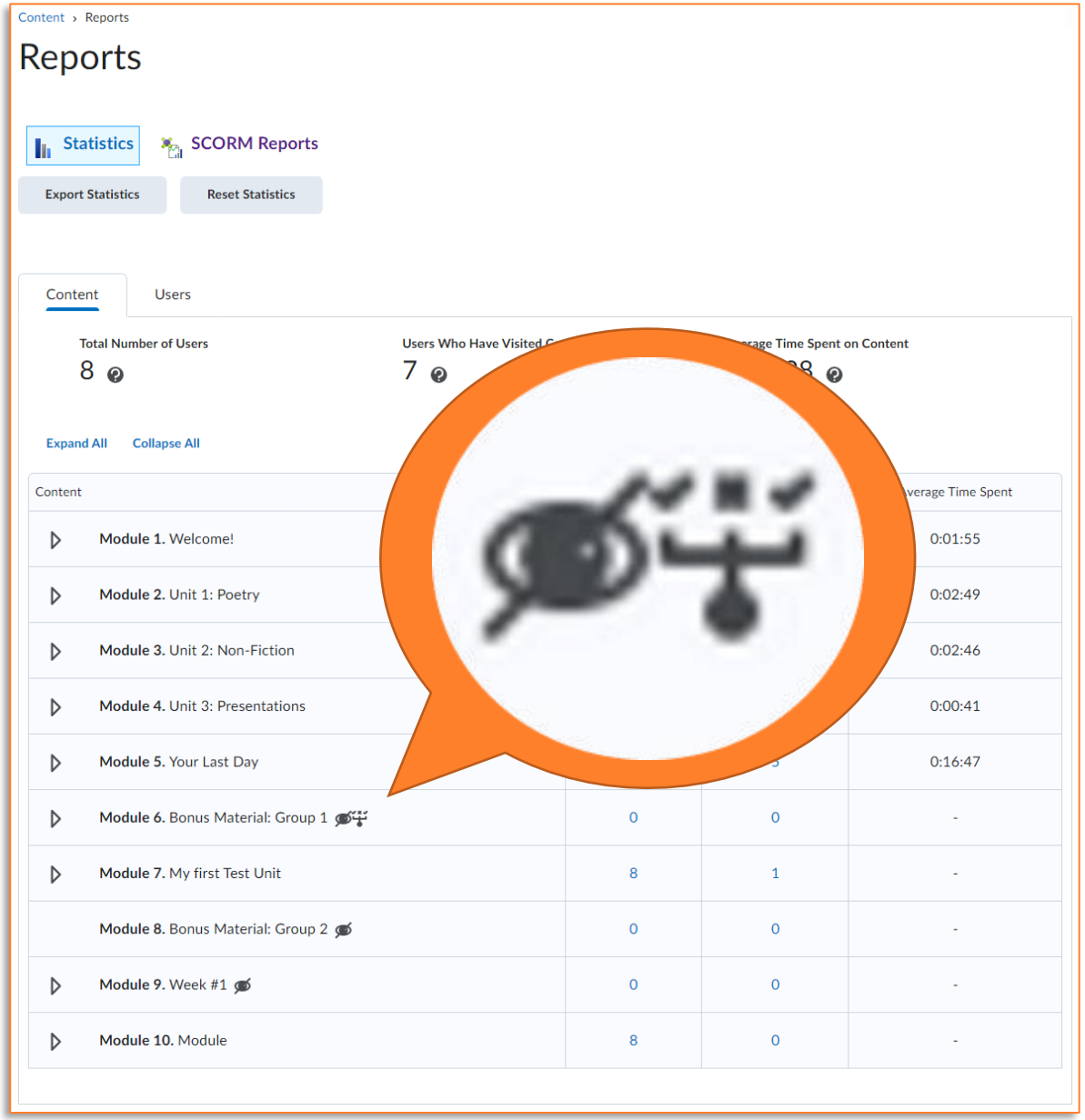
Content Reports



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Content Reports

Content	Available To	Users Visited	Average Time Spent
Module 1. Welcome!	8	7	0:01:55
i. Poetry Elements to Consider	8	5	0:03:59
ii. Virtual Classroom: Welcome Session	8	3	0:02:12
iii. Syllabus Confirmation	8	7	0:00:27
iv. Grade Alert	8	1	0:01:08
v. Untitled	0	0	-
vi. test	0	0	-
vii. Untitled	0	0	-

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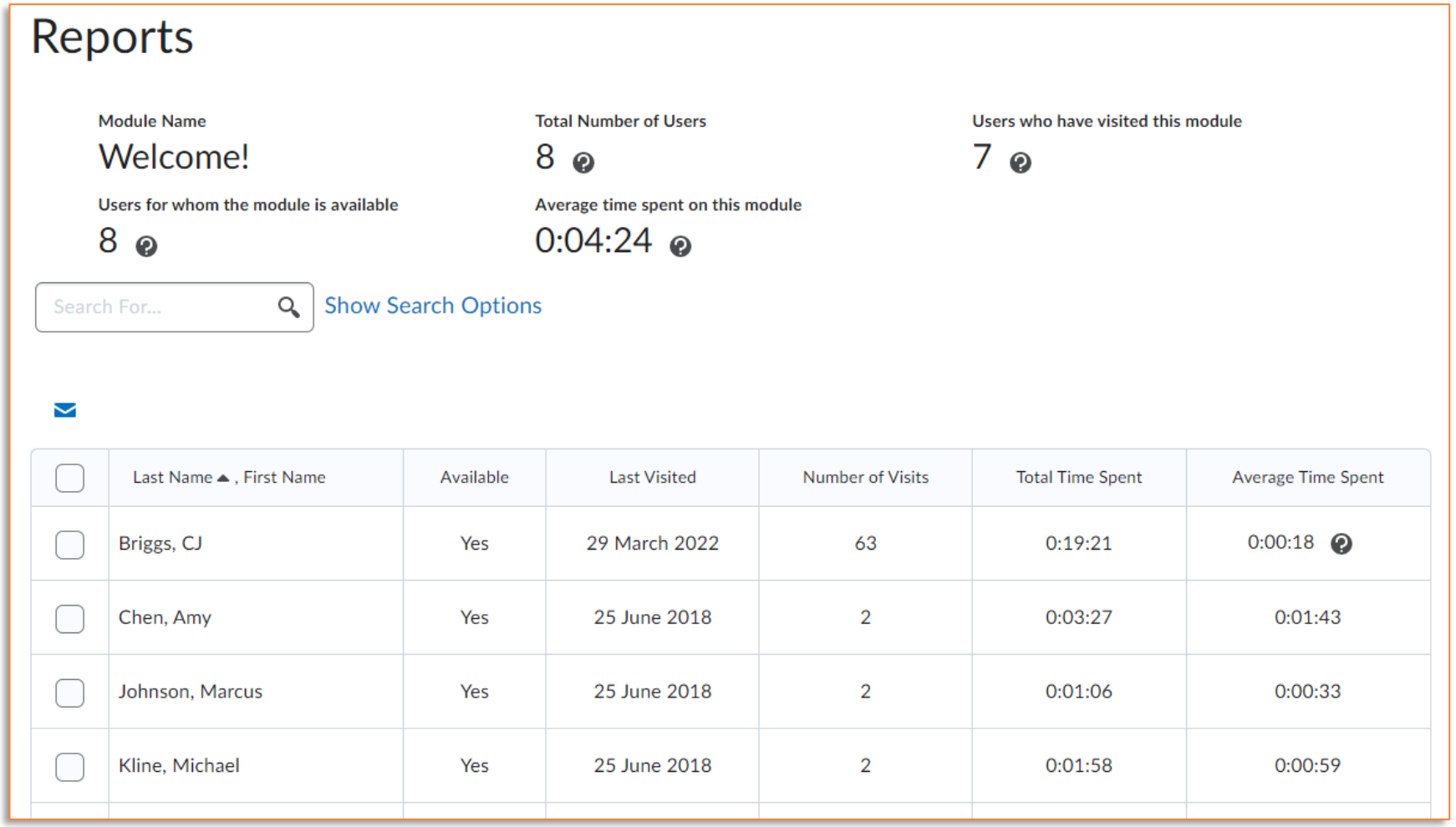
Content Reports



Last Name ▲ , First Name	Available	Last Visited	Number of Visits	Total Time Spent	Average Time Spent
Briggs, CJ	Yes	29 March 2022	63	0:19:21	0:00:18
Chen, Amy	Yes	25 June 2018	2	0:03:27	0:01:43
Johnson, Marcus	Yes	25 June 2018	2	0:01:06	0:00:33
Kline, Michael	Yes	25 June 2018	2	0:01:58	0:00:59

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Performance +

Insights

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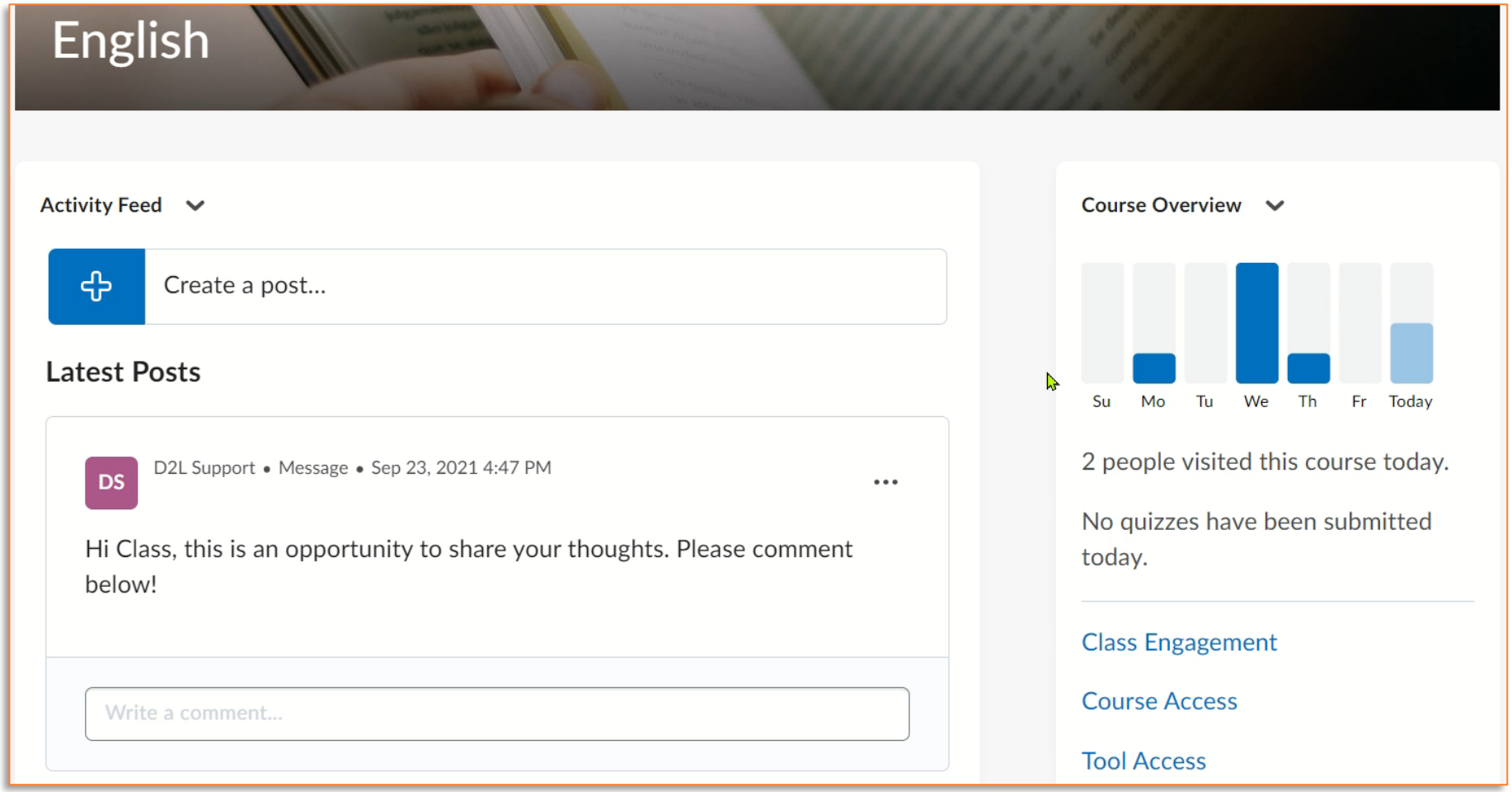
Course Homepage Widget



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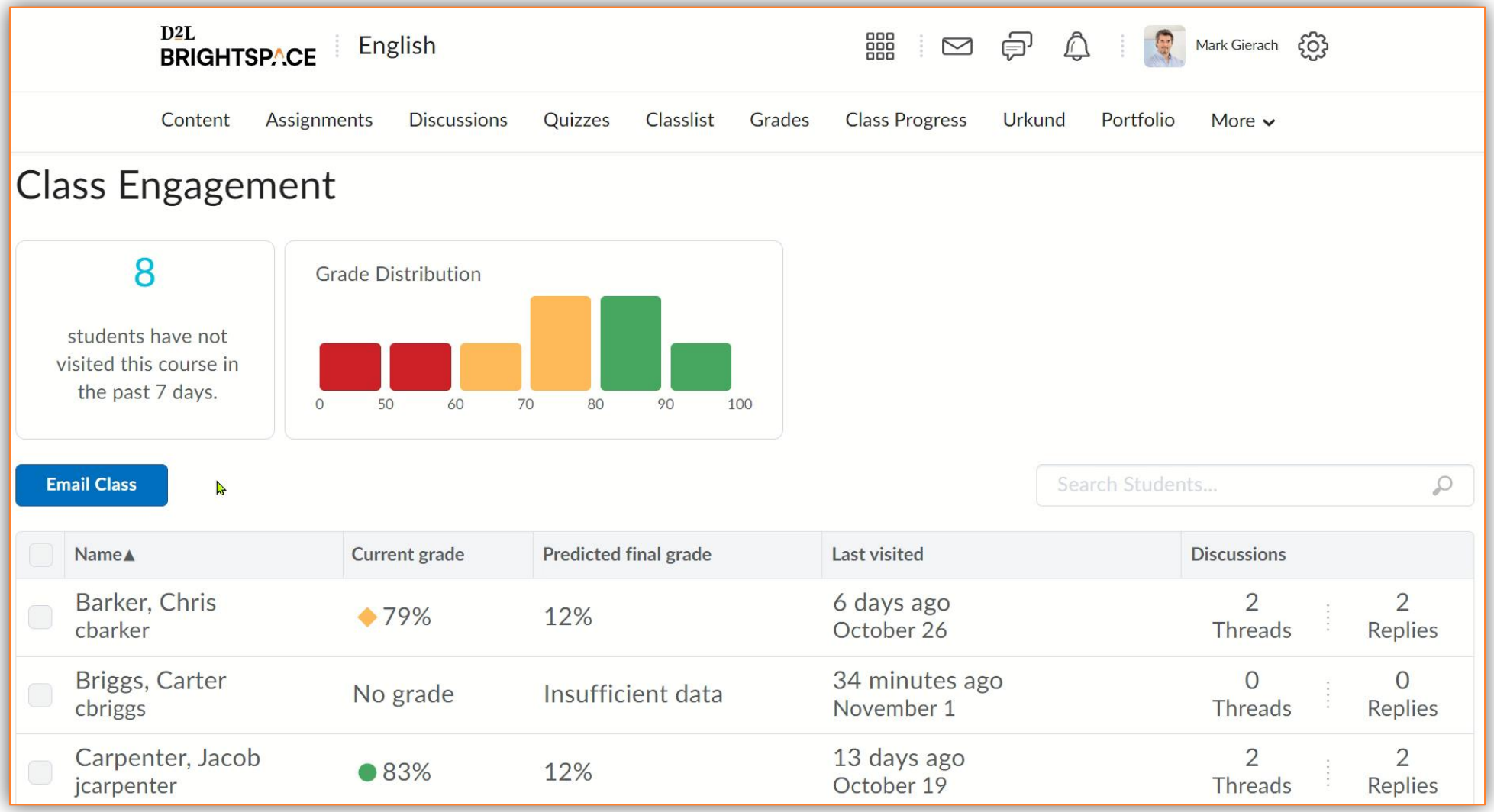
Class Engagement Tool



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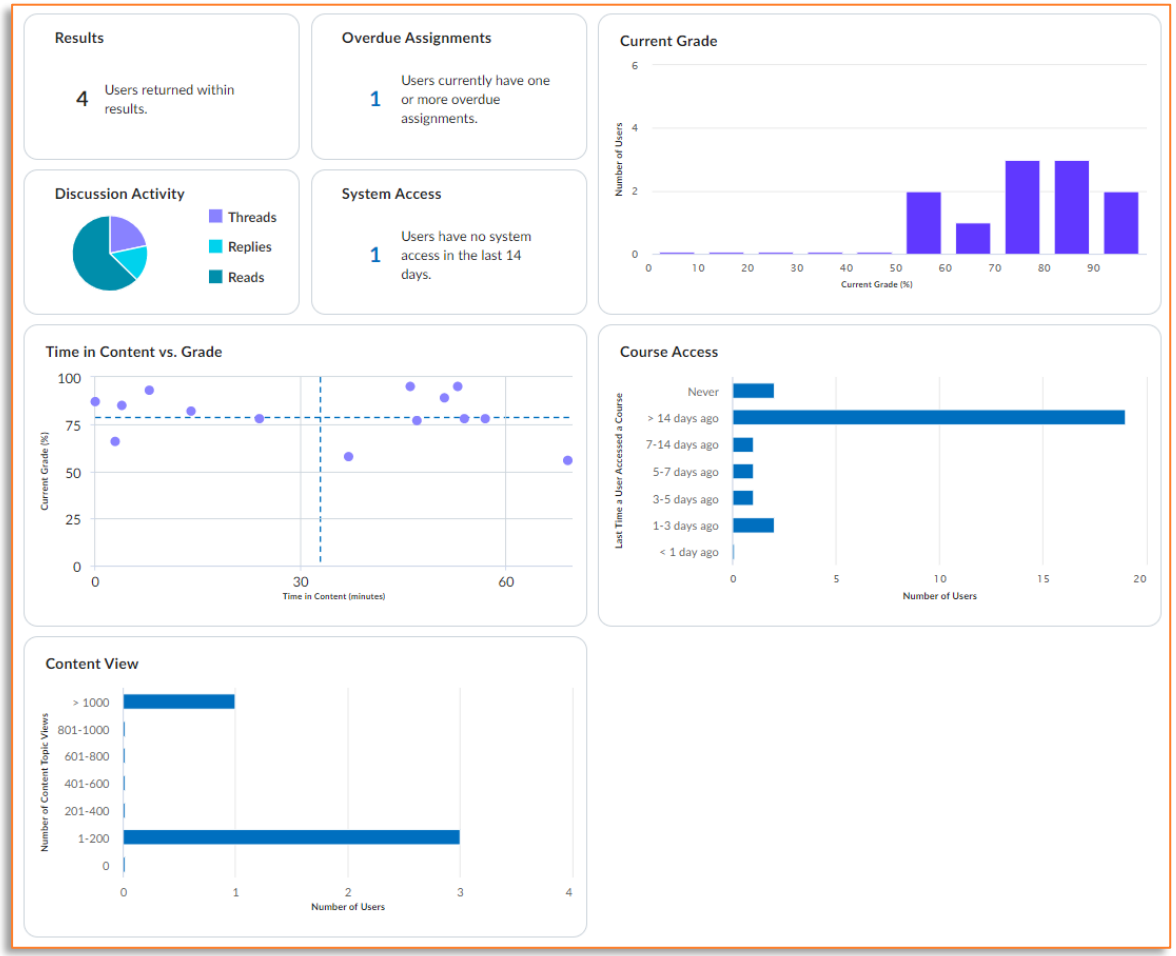
Insights Dashboards - Engagement



Results

Email

	Name	Courses	Average Grade	Average Time in Content (mins)	Average Discussion Activity	Last Accessed System
☐	Barker, Chris cbarker - 389	6	89.25 %	72.61	1 Threads | 3 Reads | 1 Replies	Oct 26, 2022 3:29 PM
☐	Chen, Amy achen - 212	12	81.5 %	14.34	0 Threads | 1 Reads | 0 Replies	Nov 1, 2022 1:59 AM
☐	Doyle, Marjorie mdoyle - 393	5	74.5 %	34.28	1 Threads | 3 Reads | 1 Replies	Oct 30, 2022 11:36 PM
☐	Gardner, Stanley sgardner - 394	3	68 %	20.73	1 Threads | 3 Reads | 1 Replies	Jun 23, 2021 2:55 PM

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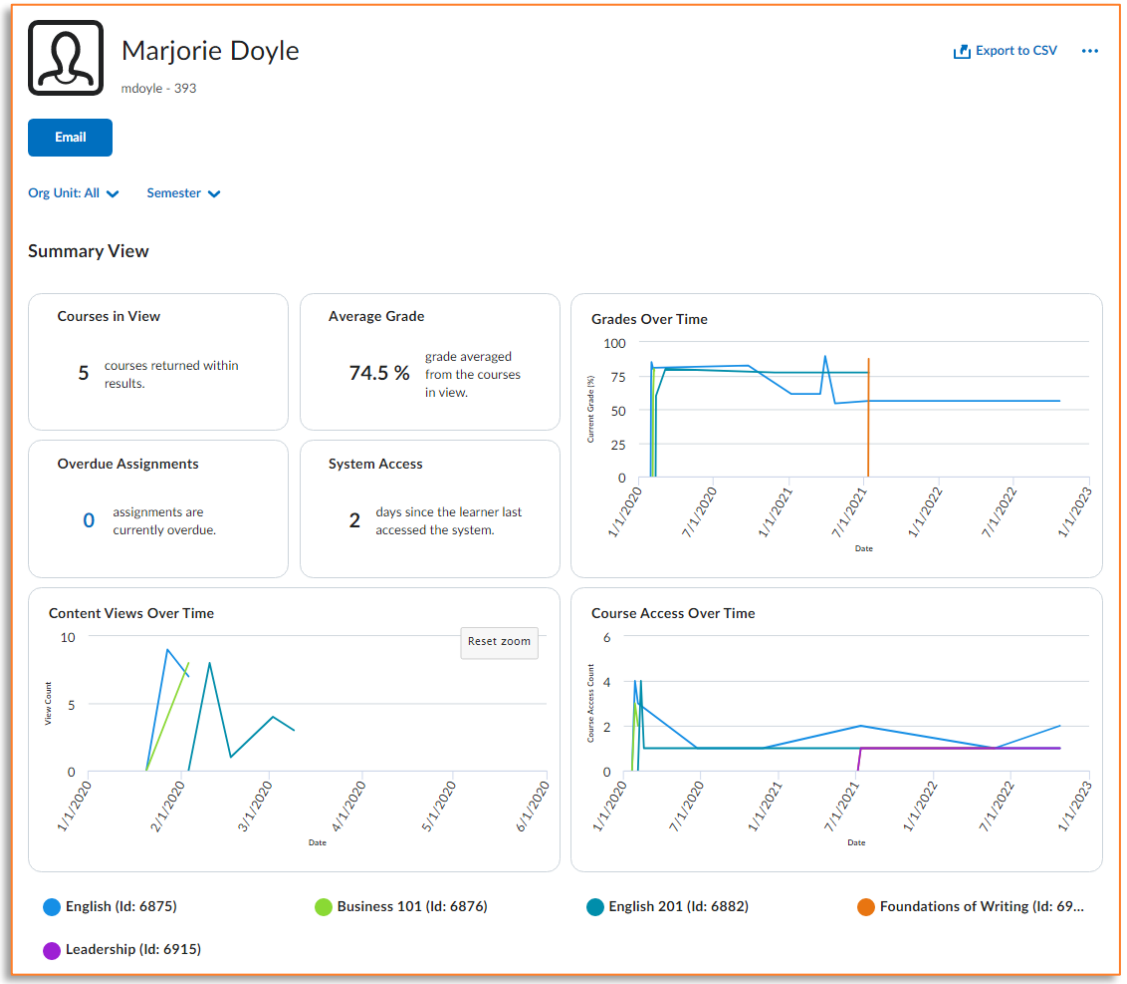
Insights Dashboards - Engagement



Active Courses

Course Name	Current Grade	Predicted Grade	Time in Content (mins)	Discussion Activity	Course Last Access
Business 101 (Id: 6876)	78 %	80.88 %	54.18	2 Threads | 2 Reads | 0 Replies	Feb 6, 2020 8:21 PM
English (Id: 6875)	56 %	14.43 %	69.55	1 Threads | 6 Reads | 2 Replies	Oct 31, 2022 3:41 AM
English 201 (Id: 6882)	77 %	65.75 %	47.03	1 Threads | 5 Reads | 2 Replies	Oct 29, 2022 7:08 AM
Foundations of Writing (Id: 6914)	87 %	No predicted grade	0	0 Threads | 0 Reads | 0 Replies	May 23, 2022 8:08 PM
Leadership (Id: 6915)	No grade	No predicted grade	0.65	0 Threads | 0 Reads | 0 Replies	Oct 25, 2022 3:57 PM

1 / 1 20 per page

Inactive Courses

No inactive course data in filtered ranges.

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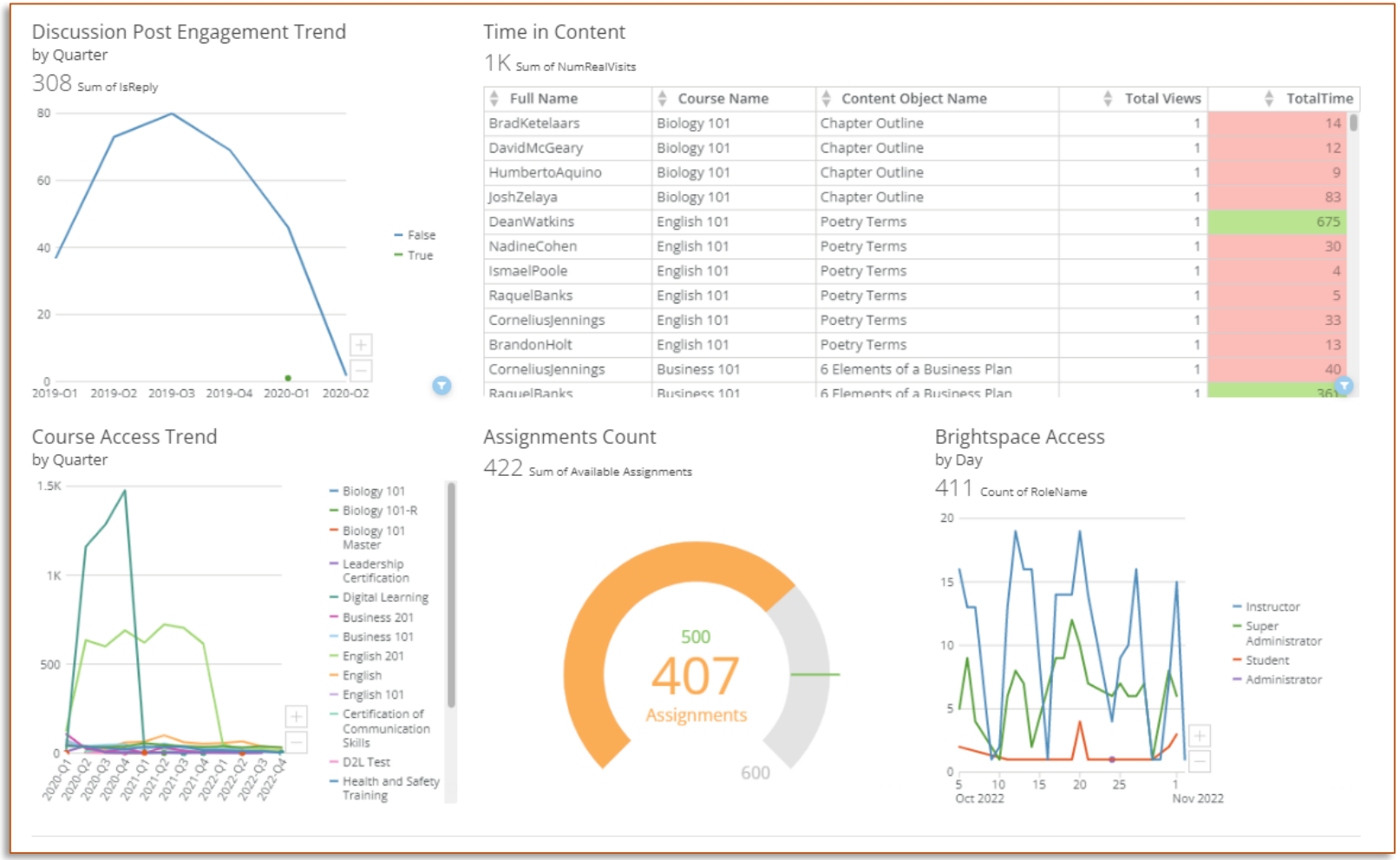
Insights – Interactive Report Builder

- Activity Feed
- Assignment Submission
- Attendance
- Content Progress
- Discussion Posts
- Grade Results
- Intelligent Agent Runs
- Quiz Attempts
- Session History
- User Logins



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Acting on Engagement Insights…

Work Smarter not Harder

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Can Brightspace help me intervene?

Respond to Absence

- No Course Access
- No System Access

Respond to Inactivity

- Assignments – overdue / not submitted
- Content not visited
- No Discussion Posts
- Quiz – no attempt / low score

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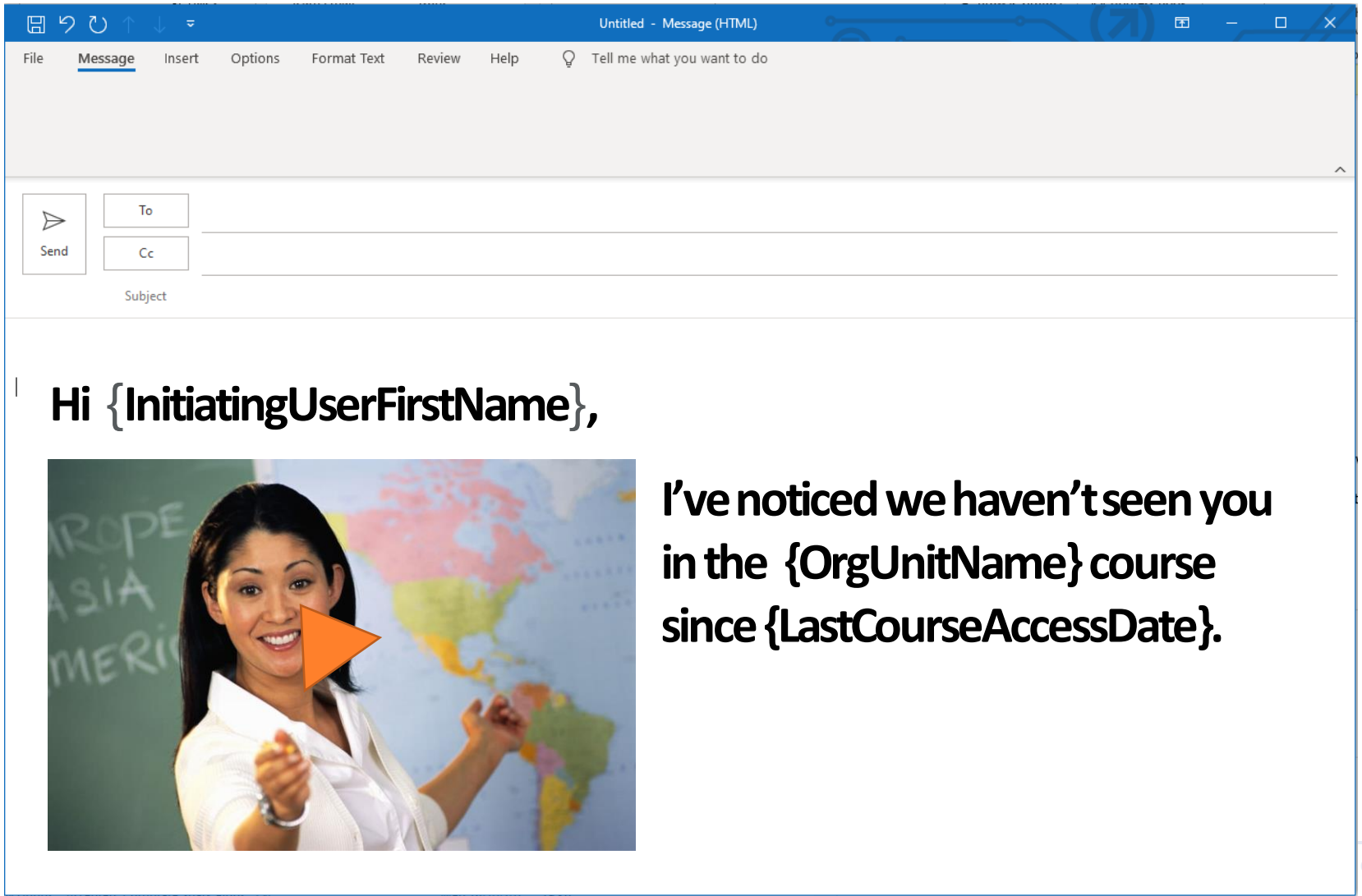
Automated, Personalised Communication



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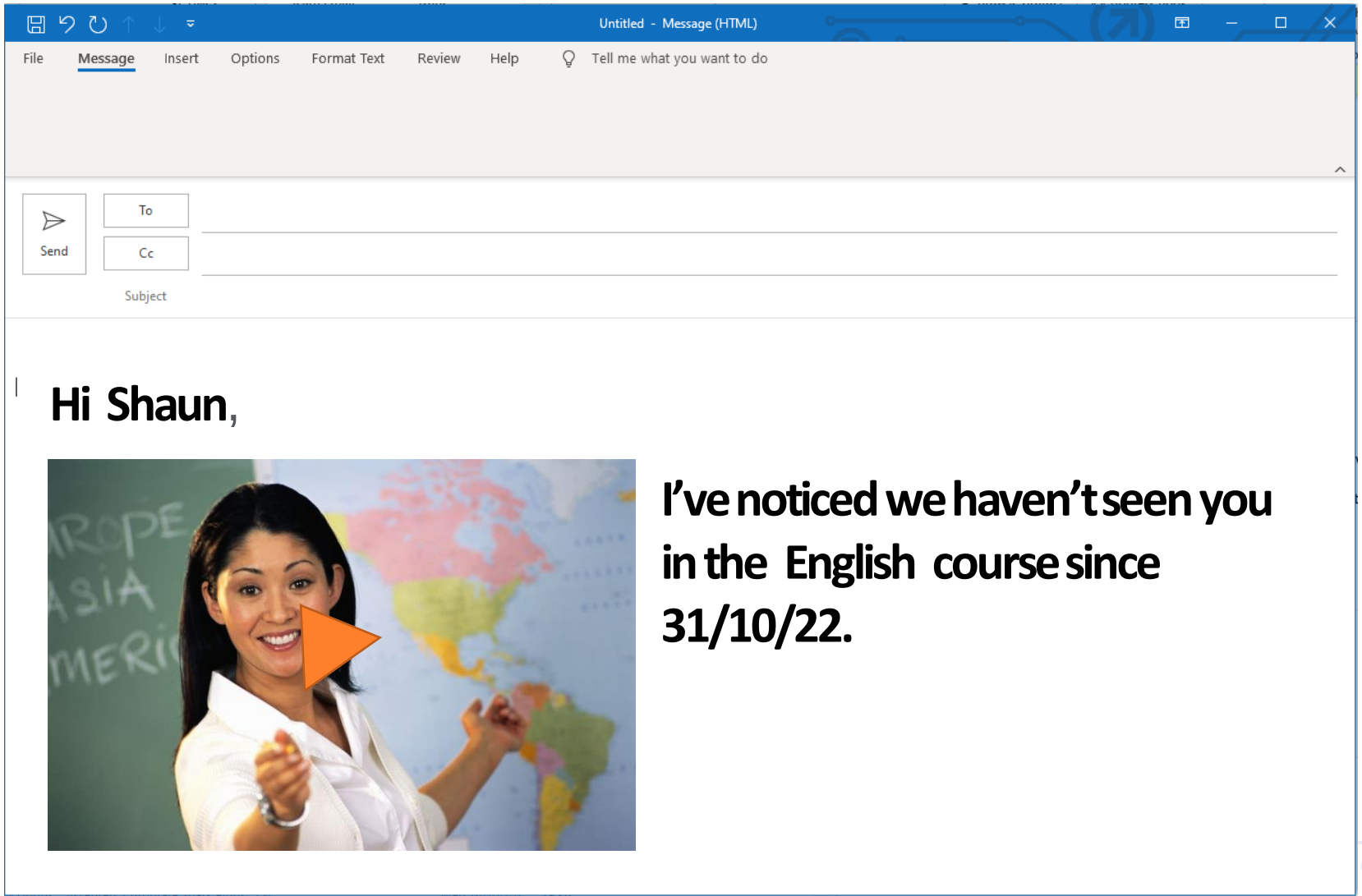

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Intelligent Agent Library

	Agent	Results of Last Run	Last Run Date	Next Run Date
☐	Excellent Result on a Quiz Sent when a user scores >= 90%		-	-
☐	Feedback on Assignment Posted		-	-
☐	Low Score on a Quiz The template to use to define the agent to run when a score < a benchmark is found after the quiz is attempted.		-	-
☐	Not Logged Into Course within 5 Days of Enrolment This agent will run and identify users who have been enroled to the course for >5 days from the date of their enrolment.	4 users identified	24 September 2020 6:33 PM	-
☐	Overperformers - Additional course enrollment Those who score above 70% in Poetry Basics will be enrolled in a further course to build on their performance.		-	-
☐	You Haven't logged into the course for a week This agent will run and identify users who have been enroled to the course for >7 days from the date of their enrolment.		-	-

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Edit Categories

Add Category

Name	Sort Order ▲	In Use?
Administration	1	✔
Reminders	2	✔
Encourage	3	✔
Nudge	4	✔
Congratulate	5	✔

Close