

3.8 Forum Activity Report User Stories / Mockups

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Overview

The purpose of this slideshow is to provide Moodle HQ with more details for the 3.8 Enhanced Forum project. Specifically, this document covers the Forum Activity Report which is designed to give an overview of activity in any forums in a class as well as allow for the export of the data contained in the report. In this slideshow, the following items are discussed:

- Background -- a brief background of how this modification came to be.
- User stories (US) -- how this report is meant to be used by the users.
- Mockups of the overview
- Mockups of the summary view
- Mockups of the detail view
- Mockups of the content exported by the summary view
- Mockups of the content exported by the detailed view

Background

This report was originally designed for the International Virtual Exchange project which began in 2012. This project uses Moodle Forums to conduct a large-scale international EFL (English as a Foreign Language) exchange primarily between Japan and Colombia. In more recent iterations of this project, there have been up to 15 additional countries taking part. The exchange regularly hosts 2,000~3,000 students and continues to grow annually by hundreds of students and additional countries.

The head of the research team is Professor Eric Hagley of Muroran Institute of Technology in Hokkaido, Japan. The goals of this project are many, but researching the effects of this exchange on EFL learners is the primary use-case for the 3.8 Forum Report.

The original report which only allows for the summary of student activity in the forums was developed for the IVE Project by T. Nakahara and the code is available in GitHub (https://github.com/nakaharatt/moodle-block_forum_report)

Forum Activity Report -- Planned Views

These are the planned views in the Forum Activity Report.

- Teacher - Overview - A broad overview of activity in a class.
- Teacher - Summary - A summary of each students' activity in a class.
- Teacher - Detailed View - The details of each students' activity in a class.
- Student - Overview/Summary - A single student's overview of their own activity.
- Student - Detailed View - A single student's detailed view of their own activity.

Notes:

1. All of these views will be downloadable as CSV files.
2. **Teacher - Summary** has been implemented by the original developer (T. Nakahara), but lacks some of the required filters and functions.

Forum Activity Report -- Report Actions

These are the actions that can be done while using the Forum Activity Report.

- Teacher - Summary View - **Messaging** - Using the list of students which display in the summary report, send a custom message to some or all of the students using the Moodle messaging system (similar to the Participants list messaging system).
- Teacher - All Views - Download contents as a CSV.
- Student - All Views - Download contents as a CSV.

User Stories - Forum Activity Report - Overview

- Teachers should be able to get an overview of all forum activities for all groups or groupings in the specific Moodle class. If there are no groups or groupings, then just an overview of the entire class would be shown in one line of information.
- Teachers should be able to get an overview a subset of the forum activities for a subset of the groups or groupings in the specific Moodle class. If there are no groups or groupings, then just an overview of the entire class would be shown in one line of information.
- Teachers should be able to download any overview as a CSV.
- Mockups show the details of this view.

*Note: "teachers" refers to non-editing teacher and above for simplicity

User Stories - Forum Activity Report - Summary

- Teachers should be able to view the summary of all forum activities for all students in the specific Moodle class. Each student appears on one line in this view.
- Teachers should be able to view a subset of the forum activities for a subset of the students in the specific Moodle class. Each student appears on one line in this view.
- Teachers should be able to download any summary view as a CSV.
- Mockups show the details of this view.

*Note: "teachers" refers to non-editing teacher and above for simplicity

User Stories - Forum Activity Report - Detailed View

- Teachers should be able to view the details (i.e. the posts and replies) of all forum activities for all students in the specific Moodle class. This view would appear similar to the "Student Complete Report" as if you could view the "Student Complete Report" (only showing forum activity, not other assignments or activities) for all students on the same page.
- Teachers should be able to view a subset of the forum activities for a subset of the students in the specific Moodle class.
- Teachers should be able to download any detailed view as a CSV.
- Mockups show the details of this view.

*Note: "teachers" refers to non-editing teacher and above for simplicity

User Stories - Forum Activity Report - Overview

- Students should be able to get an overview of all forum activities for ONLY THEIR OWN ACTIVITY in the specific Moodle class. The overview of the for the student would be a single line of information.
- Students should be able to get an overview a subset of the forum activities in the specific Moodle class. This overview also shows on just one line for a student.
- Students should be able to download any overview as a CSV.
- Mockups show the details of this view.

*Note: "students" Overview and Summary would essentially be the same view, so an additional layer is not needed as in the teacher views.

User Stories - Forum Activity Report - Detailed View

- Students should be able to view the details (i.e. the posts and replies) of all forum activities for all students in the specific Moodle class. This view would appear similar to the "Student Complete Report" as if you could view the "Student Complete Report" (only showing forum activity, not other assignments or activities) for all students on the same page.
- Students should be able to view a subset of the forum activities for a subset of the students in the specific Moodle class.
- Students should be able to download any summary view as a CSV.
- Mockups show the details of this view.

*Note: Students often wish to add their work to a portfolio. Having the ability to download all their forum posts as a CSV allows them to add this to a portfolio.

Mockups - Forum Activity Report - Filter Settings

Filter Settings - These are chosen when the user first clicks on the Forum Activity Report link. No report is generated until the "Show Report" button is clicked.

▼ **Report filter**

Forum	<input type="text" value="All"/>					
Group	<input type="text" value="All groups"/>					
Country	<input type="text" value="All"/>					
Start	<input type="text" value="13"/>	<input type="text" value="July"/>	<input type="text" value="2019"/>	<input type="text" value="21"/>	<input type="text" value="50"/>	 <input type="checkbox"/> Enable
End	<input type="text" value="13"/>	<input type="text" value="July"/>	<input type="text" value="2019"/>	<input type="text" value="21"/>	<input type="text" value="50"/>	 <input type="checkbox"/> Enable

Mockups - Forum Activity Report - Filter Settings

Choose Forums - The user should be able to choose all, one, or more than one forum in the course.

▼ **Report filter**

Forum

Group

Country

Start  Enable

End  Enable

[Show report](#)

Dropdown Menu:

- ✓ All
- Class to classes interaction
- The open forum
- Teacher forum
- News forum
- Japanese based teachers

Mockups - Forum Activity Report - Filter Settings

Choose Groupings/Groups - The user should be able to choose all, one, or more than one grouping/group in the course. If a grouping is chosen, then all the groups in that grouping information should display.

▼ **Report filter**

Forum

Group

Country

Start

End

Group01CLAUDIA CAROLINA JiYoung1Adam

Group02YURIMELISSA1aManashiaSmith

Group03LIZETHYOLIMAManashib1n2Johnson

Group04aCintiaZAIDALEONORHagleyJ

Group05bCintia2CARMENTERESA2Adam

Group06JOHANALEXANDERMattM2Graham

Group07YURYJOHANAMattT1Graham

Group08Duris2David1Th

Group09JimenaDavid2Th

Group10YUDYGIRLESAWill

Group11OLGANANCYHideto

Group12JESUSALEJANDROMari

Group13JenniferRVHatsuko

Group14YURIMELISSAAtsuko

50  Enable

50  Enable

Mockups - Forum Activity Report - Filter Settings

Choose Country - the user should be able to choose all, one, or more than one country to filter the data by.

The image shows a 'Report filter' section with the following elements:

- Forum:** A dropdown menu with 'All' selected.
- Group:** A dropdown menu with 'All groups' selected.
- Country:** A dropdown menu with a list of countries: Antigua And Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados.
- Start:** A date range selector showing '50' and a calendar icon, with an 'Enable' checkbox.
- End:** A date range selector showing '50' and a calendar icon, with an 'Enable' checkbox.

Mockups - Forum Activity Report - Filter Settings

Choose Start/End dates - the user should be able to choose all, a start date and no end date, an end date and no start date, or both a start and an end date. These choices determine the first and last post/reply that are visible in the report.

Dashboard / My courses / IE19Spring / forum_report

Report filter

Forum: All

Group: All groups

Country: All

Start: 13 July 2019 21:50 Enable

End: 13 July 2019 21:50 Enable

Show report

July 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11

Mockups - Forum Activity Report - Overview

Unfiltered no-groups all class overview							NOTE: These are three example overview views. The choice of filters determines which one shows.			
<input checked="" type="checkbox"/>	Class	Posts	Replies	Views	Images	Links	Word count	First post (in the class)	Last post (in the class)	
<input checked="" type="checkbox"/>	All Students	134	484	3521	73	59	74811	Thursday 9 May 2019 12:07 PM	Monday 3 June 2019 5:51 PM	
			(dropdown menu)							
		With selected:	Download CSV							
Filtered by groups summary by group overview										
<input checked="" type="checkbox"/>	Group	Posts	Replies	Views	Images	Links	Word count	First post (in the group)	Last post (in the group)	
<input checked="" type="checkbox"/>	Group 38	60	354	2333	37	31	56614	Thursday 9 May 2019 12:07 PM	Monday 3 June 2019 5:51 PM	
<input checked="" type="checkbox"/>	Group 39	74	130	1188	36	28	18197	Saturday 11 May 2019 12:56 AM	Saturday 6 July 2019 1:45 AM	
			(dropdown menu)							
		With selected:	Download CSV							
Filtered by group and by country overview										
<input checked="" type="checkbox"/>	Group	Country	Posts	Replies	Views	Image	Links	Word count	First post (in the group)	Last post (in the group)
<input checked="" type="checkbox"/>	Group 38	Japan	60	354	2333	37	31	56614	Thursday 9 May 2019 12:07 PM	Monday 3 June 2019 5:51 PM
<input checked="" type="checkbox"/>	Group 38	Colombia	74	130	1188	36	28	18197	Saturday 11 May 2019 12:56 AM	Saturday 6 July 2019 1:45 AM
			(dropdown menu)							
		With selected:	Download CSV							

Teacher - These are three example overview views. This view should also become a CSV when downloaded minus the checkboxes on the left. [Here is a link to the spreadsheet.](#)

Mockups - Forum Activity Report - Summary

Basic summary view for a single group or set of groups, a single country or a set of countries													
<input type="checkbox"/>	Username	Full Name	Group	Country	Institution	Posts	Replies	Views	Images	Links	Word count	First post	Last post
<input type="checkbox"/>	akane1811180	AKANE 1811180	Group 38	Japan	Japanese University 123	3	8	48	2	0	1067	Thursday, 9 May 2019, 12:09 PM	Thursday, 27 June 2019, 11:30 AM
<input checked="" type="checkbox"/>	akane1811846	AKANE 1811846	Group 38	Japan	Japanese University 123	3	9	47	1	1	1518	Saturday, 11 May 2019, 10:45 AM	Thursday, 27 June 2019, 11:43 AM
<input type="checkbox"/>	akira1811602	AKIRA 1811602	Group 38	Japan	Japanese University 123	3	9	85	2	2	1315	Friday, 10 May 2019, 11:47 PM	Thursday, 27 June 2019, 11:54 AM
<input type="checkbox"/>	aoi181109455	AOI 181109455	Group 38	Japan	Japanese University 123	3	14	162	0	0	2491	Saturday, 11 May 2019, 10:39 AM	Thursday, 27 June 2019, 11:47 AM
<input checked="" type="checkbox"/>	asano1811257	ASANO 1811257	Group 38	Japan	Japanese University 123	3	14	219	0	2	2255	Thursday, 9 May 2019, 9:54 PM	Saturday, 29 June 2019, 3:11 PM
<input type="checkbox"/>	ayaka1811603	AYAKA 1811603	Group 38	Japan	Japanese University 123	2	7	39	2	2	1054	Thursday, 9 May 2019, 9:01 PM	Thursday, 27 June 2019, 11:42 AM
<input type="checkbox"/>	taichi181247	TAICHI 181247	Group 38	Japan	Japanese University 123	1	10	102	0	0	996	Monday, 13 May 2019, 5:26 PM	Thursday, 27 June 2019, 11:43 AM
<input type="checkbox"/>	taiki1811463	TAIKI 1811463	Group 38	Japan	Japanese University 123	1	10	57	0	0	1694	Sunday, 12 May 2019, 11:10 AM	Sunday, 30 June 2019, 10:47 PM
<input checked="" type="checkbox"/>	tatsuki1842	TATSUKI 1842	Group 38	Japan	Japanese University 123	3	11	88	2	1	2723	Sunday, 12 May 2019, 11:29 AM	Sunday, 30 June 2019, 11:54 PM
<input checked="" type="checkbox"/>	tourism14585	TOURISM 14585	Group 38	Japan	Japanese University 123	0	0	5	0	0	0	-	-
<input type="checkbox"/>	yuka18110714	YUKA 18110714	Group 38	Japan	Japanese University 123	1	18	80	2	1	2845	Saturday, 11 May 2019, 12:00 AM	Tuesday, 25 June 2019, 10:19 PM
<input type="checkbox"/>	yuko18110929	YUKO 18110929	Group 38	Japan	Japanese University 123	0	10	74	2	0	1991	Friday, 10 May 2019, 11:55 AM	Thursday, 27 June 2019, 1:19 PM
<input checked="" type="checkbox"/>	zurika181866	YURIKA 181866	Group 38	Japan	Japanese University 123	1	10	54	2	2	2067	Saturday, 11 May 2019, 10:42 AM	Saturday, 22 June 2019, 8:49 PM
<input type="checkbox"/>	adrianama341	ADRIANA MA341	Group 38	Colombia	Colombian University 456	0	9	82	1	1	1979	Saturday, 11 May 2019, 1:16 AM	Thursday, 27 June 2019, 1:00 PM
<input type="checkbox"/>	anacamila726	ANA CAMILA726	Group 38	Colombia	Colombian University 456	4	6	76	1	2	1310	Saturday, 11 May 2019, 7:36 AM	Wednesday, 22 May 2019, 6:52 AM
<input type="checkbox"/>	andresfel325	ANDRES FEL325	Group 38	Colombia	Colombian University 456	2	4	31	2	1	523	Saturday, 11 May 2019, 1:53 AM	Friday, 24 May 2019, 1:14 AM
<input type="checkbox"/>	aydeanaya855	AYDE ANAYA855	Group 38	Colombia	Colombian University 456	3	6	47	1	1	1063	Saturday, 11 May 2019, 5:36 AM	Saturday, 6 July 2019, 1:45 AM
<input type="checkbox"/>	samaraand711	SAMARA AND711	Group 38	Colombia	Colombian University 456	2	5	35	0	2	998	Saturday, 11 May 2019, 3:26 AM	Thursday, 20 June 2019, 12:31 PM
<input type="checkbox"/>	soljhennif366	SOLJHENNIF366	Group 38	Colombia	Colombian University 456	3	2	20	2	0	282	Friday, 17 May 2019, 8:24 AM	Monday, 27 May 2019, 9:48 PM
<input type="checkbox"/>	taniaboni593	TANIA BONI593	Group 38	Colombia	Colombian University 456	2	2	29	2	1	545	Saturday, 11 May 2019, 7:49 AM	Monday, 20 May 2019, 2:57 AM
<input type="checkbox"/>	yamilfran223	YAMIL FRAN223	Group 38	Colombia	Colombian University 456	0	2	29	2	2	308	Saturday, 11 May 2019, 1:42 AM	Friday, 24 May 2019, 12:26 AM
<input type="checkbox"/>	yessicada84	YESSICA DA84	Group 38	Colombia	Colombian University 456	1	6	16	0	0	446	Saturday, 11 May 2019, 1:33 AM	Thursday, 23 May 2019, 7:28 AM
			(dropdown menu)										
			With Selected: Send Message (same as participants list)										
			Download CSV										

Teacher - This is an example summary view. This view should also become a CSV when downloaded minus the checkboxes on the left. [Here is a link to the spreadsheet.](#)

Mockups - Forum Activity Report - Detailed View

Basic detailed view for a single student or set of students														
<input checked="" type="checkbox"/>	Username	Full Name	Group	Country	Institution	Forum name	Date	Images	Links	Word count	Post Title	Post Content	Post Content 2	Post Content 3
<input checked="" type="checkbox"/>	akane1811180	AKANE 1811180	Group 38	Japan	Japanese University 123	Classes to classes interaction	Thursday, 9 May 2019, 12:09 PM	3	2	48	Re: Group 4: Topic 3 - Events ir	Hi, Sayaka. I read you informa	(if needed)	(if needed)
<input checked="" type="checkbox"/>	kaho18111759	KAHO 18111759	Group 38	Japan	Japanese University 123	Classes to classes interaction	Monday, 13 May 2019, 5:56 PM	0	0	108	A nice post for you	Lorem ipsum x 54	(if needed)	(if needed)
<input checked="" type="checkbox"/>	kota18110613	KOTA 18110613	Group 38	Japan	Japanese University 123	Classes to classes interaction	Friday, 10 May 2019, 10:48 AM	1	2	199	Here is something interesting	Hi Seika! I read your post. I kn	(if needed)	(if needed)
<input checked="" type="checkbox"/>	mizuki181904	MIZUKI 181904	Group 38	Japan	Japanese University 123	Classes to classes interaction	Thursday, 16 May 2019, 9:54 AM	0	1	2468	Re: Your post	Lorem ipsum x 1234	(if needed)	(if needed)
			(dropdown menu)											
	With Selected:		Download CSV											

Teacher - This is an example detailed view. This view should also become a CSV when downloaded minus the checkboxes on the left. The format of the view on screen should be readable (like the Student Complete Report). Apologies for the very low-tech mockup here, but I'd leave it to the designers to make it look nice on the screen. Also, when exporting, the post content itself should be in the last column in case the number of characters exceeds the maximum allowed for a cell in a spreadsheet. In that case, columns should be appended to the end of the row.

[Here is a link to the spreadsheet.](#)

Mockups - Forum Activity Report - Student Views

Student - Student views of the Overview/Summary and Detailed View should look similar to the teacher views of this nature. However, only that particular student's data should be visible.