User stories

0 - Contents

1.1 - User Stories Table

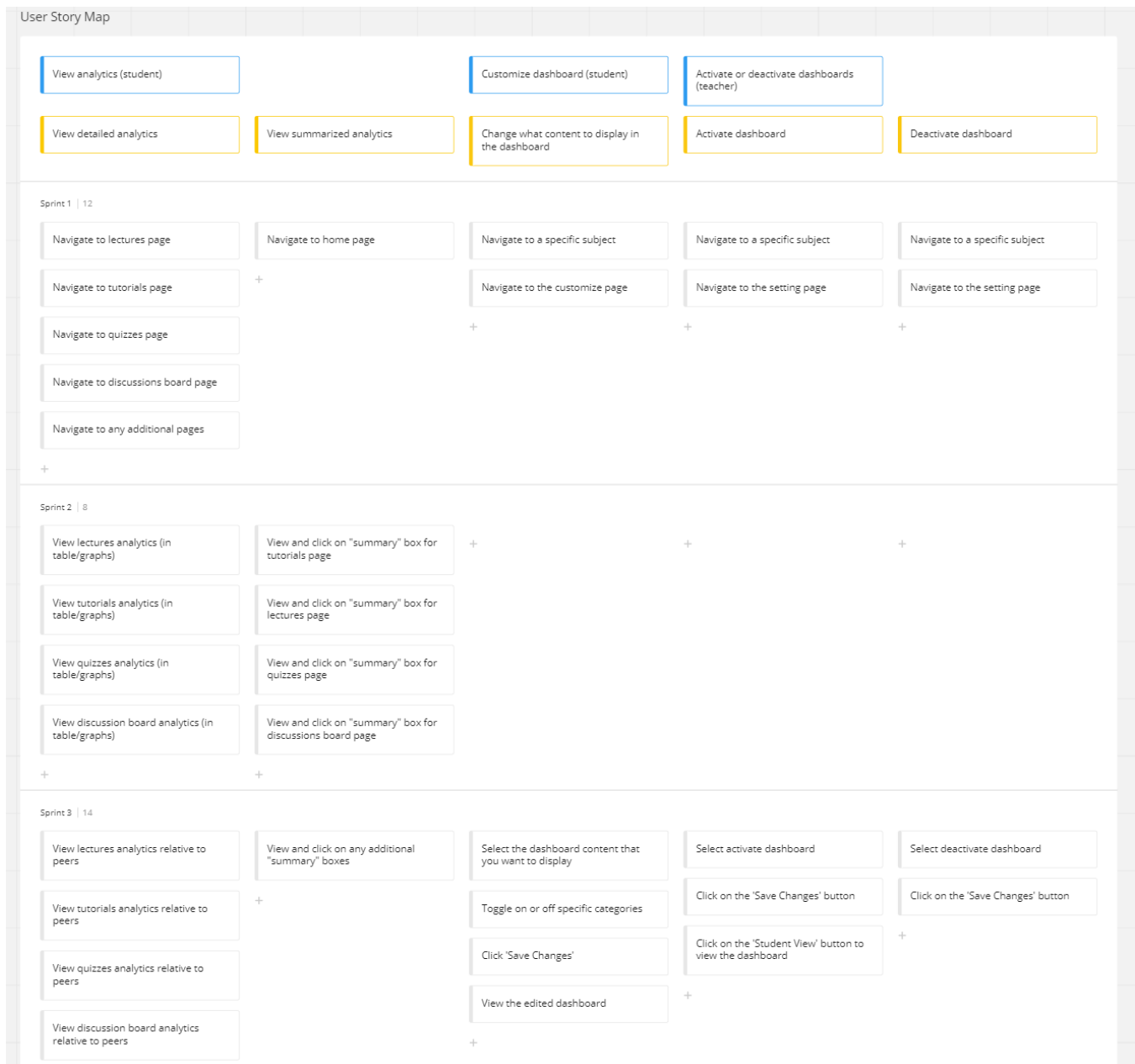| ID	As a...	I want to...	so that...	Size Estimation	MoSCoW priority
1	Lecturer /Teacher	activate/deactivate dashboards for subjects	I can customize what students can view	Small	Must Have
2	Student	personalize/filter my dashboard	I can see metrics only relevant to myself	Small	Should Have
3	Student	view if I am doing all the quizzes	I am on track and fully utilize Canvas as a learning tool/resource	Small	Must Have
4	Student	view improvements in my performance on quizzes	improve my understanding of the subject	Small	Must Have
5	Student	know if I have missed out on opening/viewing any lectures or tutorials	I can see if I'm up to date	Small	Must Have
6	Lecturer /Teacher	change what content to display in the dashboard	I can make the dashboard more resourceful instead of displaying every single data that has been gathered	Medium	Should Have
7	Student	know how long I spent on a lecture/tutorial /module	I can know how long I spend studying each topic	Medium	Must Have
8	Student	view if I have missed out on any additional modules/links	I can enhance my learning opportunities	Small	Must Have
9	Student	see how I am interacting with Canvas	compared to my goals	Medium	Could Have

1.2 - Reason for prioritization mechanism

The MoSCoW method is a popular prioritization technique for communicating the significance of certain initiatives to key stakeholders. We used this method since it makes it easy to distinguish the high-level user stories that need to be prioritized in each sprint. It also allowed us to communicate the essential requirements, at a high level, to key stakeholders in non-technical terms, making it easier for them to understand and influence the priorities.

2 - User Stories Map

The user stories may was created on Miro.

Here is the link to an editable version of the user stories map.

User Story Map

View analytics (student)		Customize dashboard (student)	Activate or deactivate dashboards (teacher)	
View detailed analytics	View summarized analytics	Change what content to display in the dashboard	Activate dashboard	Deactivate dashboard

Sprint 1 | 12

Navigate to lectures page	Navigate to home page	Navigate to a specific subject	Navigate to a specific subject	Navigate to a specific subject
Navigate to tutorials page	+	Navigate to the customize page	Navigate to the setting page	Navigate to the setting page
Navigate to quizzes page		+	+	+
Navigate to discussions board page				
Navigate to any additional pages				
+				

Sprint 2 | 8

View lectures analytics (in table/graphs)	View and click on "summary" box for tutorials page	+	+	+
View tutorials analytics (in table/graphs)	View and click on "summary" box for lectures page			
View quizzes analytics (in table/graphs)	View and click on "summary" box for quizzes page			
View discussion board analytics (in table/graphs)	View and click on "summary" box for discussions board page			
+	+			

Sprint 3 | 14

View lectures analytics relative to peers	View and click on any additional "summary" boxes	Select the dashboard content that you want to display	Select activate dashboard	Select deactivate dashboard
View tutorials analytics relative to peers	+	Toggle on or off specific categories	Click on the 'Save Changes' button	Click on the 'Save Changes' button
View quizzes analytics relative to peers		Click 'Save Changes'	Click on the 'Student View' button to view the dashboard	+
View discussion board analytics relative to peers		View the edited dashboard	+	
		+		

3 - User Journey Maps

Persona	Scenario	User Expectations	
Mason Williams	Activate dashboards for students in the subject he teaches to promote learning.	Students of the subject should all be to view their respective dashboards for the subject.	

Phase 1	Phase 2	Phase 3	Phase 4
Enter teacher Dashboard	Activate dashboard for the subject	Customise data to be displayed on students' dashboards	View all aggregate student metrics for the subject
Doing • Enter Dashboard using canvas	• Navigate to the Settings page • Activate Dashboard for the subject	• On the Settings page, select metrics to make available	• Navigate to Dashboard home • Click on a specific metric to view detailed information
Thinking I wonder what these dashboards will look like!	I hope that these dashboards will improve students' experience in my subject!	Students should be able to view their learning metrics for lectures and tutorials only. We don't have quizzes in this subject.	The information provided by this dashboard is super helpful. I can use this to improve student outcomes in my subject.
Feeling EXCITED at being able to provide students with dashboards' to motivate them and enable them to take control of their learning	SATISFIED at how easy the Canvas Analytics makes it to add dashboards for students of the subject.	IMPRESSED with the customizability of the dashboard. HAPPY that redundant metrics will not be included.	EMPOWERED with information and insights to improve the student-subject experience.

Insights
1. Continue to improve the functionality of the dashboards and explore metrics that can assist learning.
2. Consider a study into whether Canvas Analytics dashboards lead to better outcomes (average grade, time spent on the subject) as it may further increase adoption of the product.
3. It may be sensible for certain metrics to be turned off by default. For instance, if a subject does not have any quizzes listed/uploaded - then by default quizzes should be excluded rather than having to be explicitly de-selected by the lecturer. .
4. A comparison between this week's subject engagement and the previous weeks may further assist lecturers in assessing their own performance.

Persona	Scenario	User Expectations	
Janice Schmidt	Customize her dashboard by adding the quizzes box so that she can view her quiz metrics	Able to view quizzes box in her dashboard	

Phase 1	Phase 2	Phase 3	Phase 4
Enter dashboard	Activate quizzes box	View simple quiz metrics in the dashboard	View more metrics on the quizzes
Doing • Access dashboard from canvas • Select a subject	• Navigate to customise page • Enable the "quizzes" box	• Navigate to dashboard Home • Locate quiz metrics box to view	• Click on quizzes box to view more detailed information
Thinking • I want to find what I need quickly	• Wow, this is fancy • I want to customize the dashboard	• I won't miss out on any quizzes anymore	• I want to view everything that's related to the quizzes
Feeling • Motivated	• Easy to navigate • Low maintenance	• Safe • Motivated	• Informed • Personalized • Stressed

Insights
1. To make it easy for the user to navigate around the dashboard
2. To make it easy for the user to activate or deactivate the contents
3. Make sure to save all the changes that the user did
4. Display general information for user to gain an overall view
5. Display detailed informations
6. Diagrams for better understanding

4 - Processes

Process to create user journey map

- We thought of the most likely personas that represent the average user of the application. These personas include: Janice, the postgraduate student, as she is more likely to use an analytics tool after several years of university experience compared to younger students; and Mason, who might represent a typical lecturer.
- Since the main functionality of our application is to display analytics, we tried to incorporate additional phases to add depth to each scenario before finally viewing the metrics. This would provide more insight into the actual use of the dashboard.
- For example, Janice's scenario to "customize her dashboard by adding the quizzes box so that she can view her quiz metrics" means that she must use other functionalities of the dashboard (i.e. customizing the data displayed on her dashboard) before she can view her quiz metrics (the main functionality).
- By brainstorming the most likely scenarios, we hoped that our user journey maps would provide the most likely scenarios such that readers are able to perceive the main functionalities of the application.