



Variety of institutions



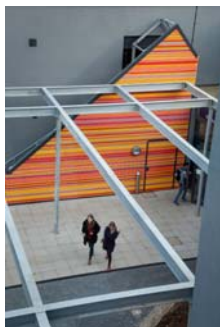
University of Edinburgh



Bridgwater College

Variety of motivations


- » Enhancing the student learning experience
- » Improving retention
- » Providing students with better information on their progress
- » Providing data on foreign student attendance to UK government
- » Improving National Student Survey scores
- » Enhancing teaching
- » Building better relationships between students and staff
- » Providing additional support to under-achieving groups



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Architecture


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Student information system

Student ID
Chem101, Phys102 ...
A-Level Maths result: D

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VLE



TIN CAN API


Actor + Verb + Object

Brian viewed introductory video
Helen completed final quiz
James commented on Susan's blog




Student information system

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Library

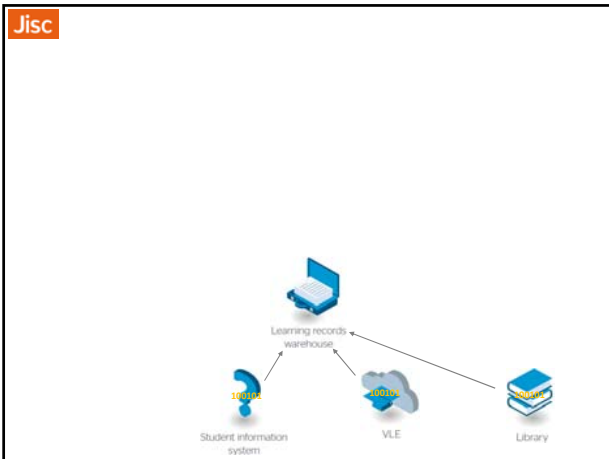
John visited library at 16:12
Jenny borrowed book ISBN 978-1-47122

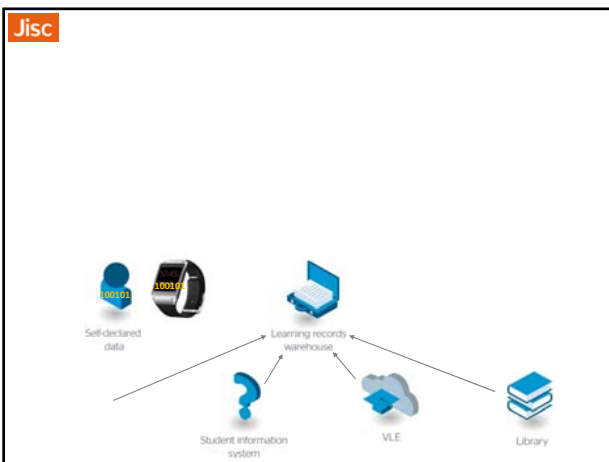


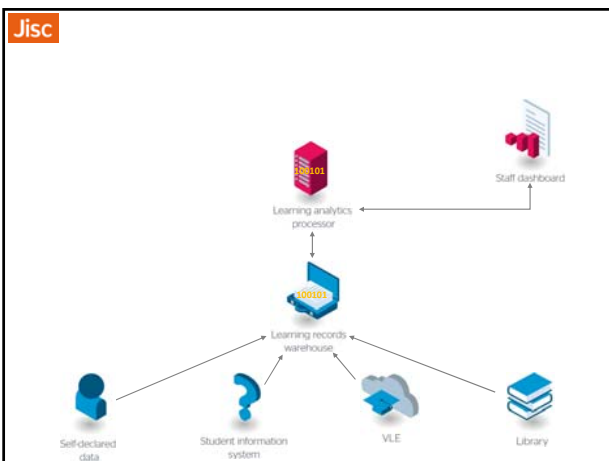
Student information system



VLE

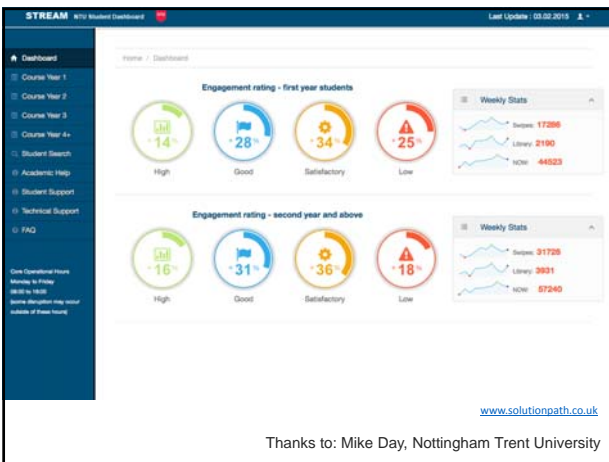


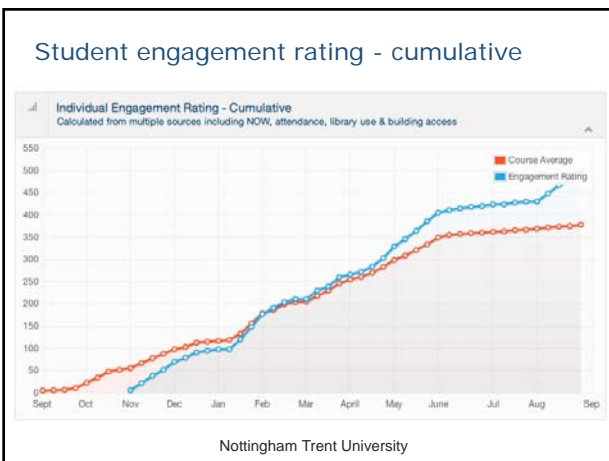


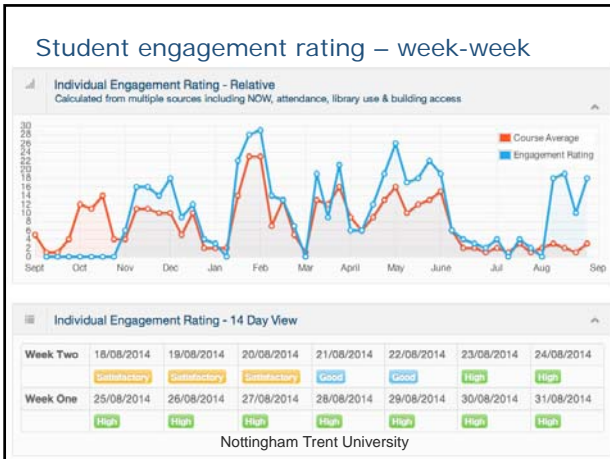


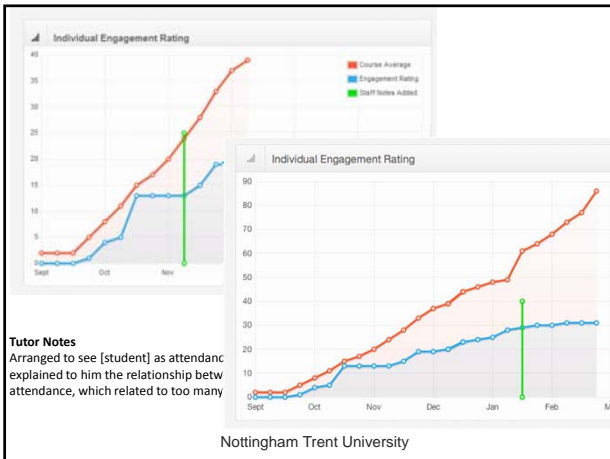
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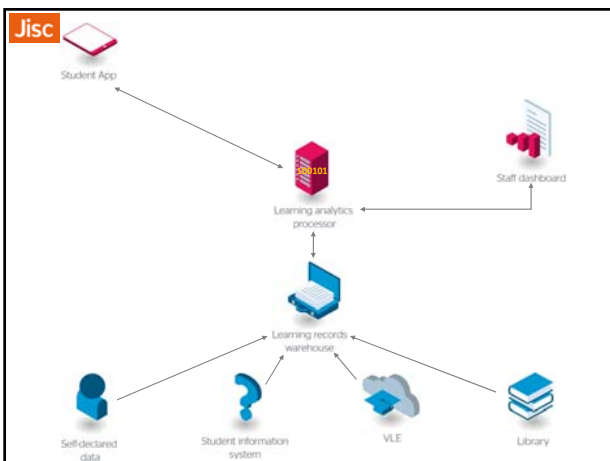
Dashboards











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Student app

- » How engaged am I?
- » Compare my engagement
- » How am I progressing?
- » Compare my progress
- » My assessments
- » My career aspirations
- » Plan my career path
- » My competencies
- » My emotional state
- » Why I didn't attend
- » ...etc

Gathering requirements for a student app for learning analytics

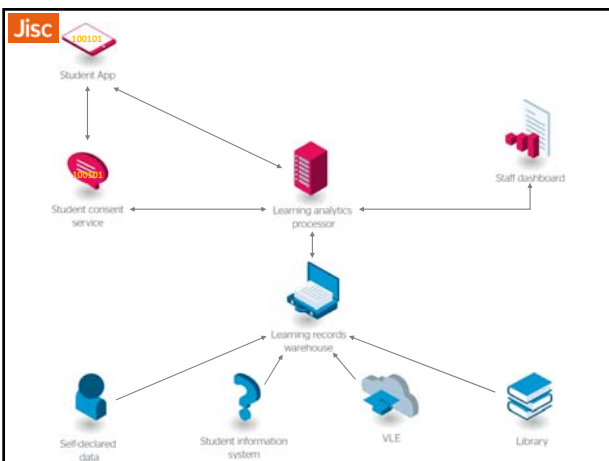
By Niall Scater on March 18, 2015
in Student App

What data and analytics should be presented directly to students? This was the subject of a workshop on 27th Feb in Jisc's London offices, attended by staff from across UK higher education. We also had with us a couple of students with a keen interest in the area.



In advance of the meeting members of Jisc's Student App Expert Group had anonymously provided a range of potential requirements, which I then grouped and used as the basis for the workshop (they're included at the bottom of this post for information).

The first area is around **information provision** to students, and comprises functionality for:



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Ethical and legal issues

The screenshot shows a Bloomberg Businessweek article. The main headline is "Privacy Fears Over Student Data Tracking Lead to InBloom's Shutdown" by Olga Khazan, dated May 27, 2014. The article features a photograph of a young boy sitting at a desk with his hand raised. To the right of the article is a "Most Popular" sidebar with several headlines. Below the article is a "SizeUp" widget with a rainbow icon and the text "How does your business SizeUp to your competition?". At the bottom, there is a "Companies Mentioned" section listing APO (Apollo Digital Management LLC) with a price of \$23.24 USD and a change of 8.12% (8.52%).

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Code of practice for learning analytics

A literature review of the ethical and legal issues

Neil Solter


The word cloud contains the following terms: respect, clarity, consent, security, accuracy, user-control, privacy, accountability, and transparency. The word "transparency" is the largest and most prominent.

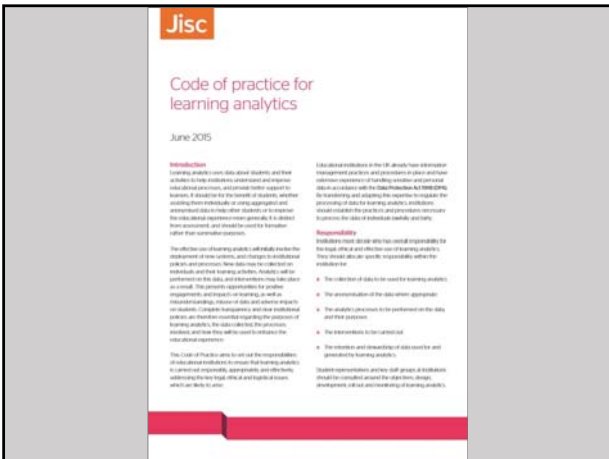
Available from Effective learning analytics blog: analytics.jiscinvolve.org



Group	Name	Question	Main type	Importance	Responsibility
2	Consent	Adverse impact of opting out on individual	Ethical	1	Analytics Committee
7	Action	Conflict with study goals	Ethical	3	Student
8	Adverse impact	Oversimplification	Ethical	1	Educational researcher

86 issues in 9 groups





<p>2 Code of practice for learning analytics</p> <p>Transparency and consent</p> <p>Individuals will only be required to give their consent if they are asked to do so in a way that is clear, concise, and in a way that is accessible to them. The consent should be obtained before the data is used for the purposes of the research and should be obtained from the individual, not from a third party. The consent should be obtained from the individual, not from a third party. The consent should be obtained from the individual, not from a third party.</p>	<p>3 Code of practice for learning analytics</p> <p>Transparency and consent</p> <p>Individuals will only be required to give their consent if they are asked to do so in a way that is clear, concise, and in a way that is accessible to them. The consent should be obtained before the data is used for the purposes of the research and should be obtained from the individual, not from a third party. The consent should be obtained from the individual, not from a third party. The consent should be obtained from the individual, not from a third party.</p>
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4

Monitoring software requests

Students on campus that students can connect their mobile devices to the university's learning and teaching systems (e.g. Canvas LMS, Moodle, Blackboard) will also have to connect their devices to the university's monitoring systems and software. These systems will monitor the devices for any activity that is not allowed or that is not in the university's best interests.

Monitoring of data

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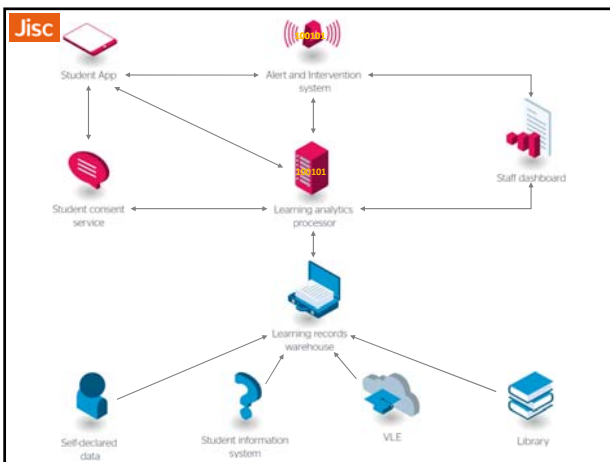
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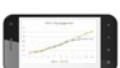




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