




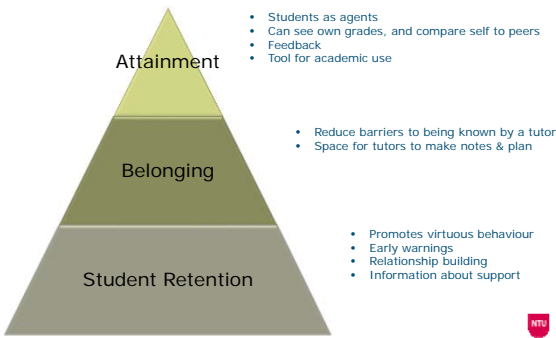
NTU Student Dashboard

- The NTU Student Dashboard is a learning analytics resource. Learning analytics are being used to develop curriculums, improve progression through MOOCs or to personalize learning. At NTU, learning analytics is being used to support students by providing them and their tutors with information about how well they are **engaging with their studies**.


‘Student engagement is the investment of time, effort and other relevant resources by both students and their institutions intended to optimise the student experience and enhance the learning outcomes and development of students, and the performance and reputation of the institution’ (Trowler, V and Trowler, P, 2011)



Primary interests in the Dashboard



- Attainment**
 - Students as agents
 - Can see own grades, and compare self to peers
 - Feedback
 - Tool for academic use
- Belonging**
 - Reduce barriers to being known by a tutor
 - Space for tutors to make notes & plan
- Student Retention**
 - Promotes virtuous behaviour
 - Early warnings
 - Relationship building
 - Information about support

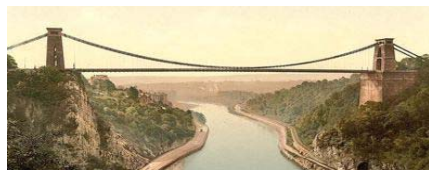


Stretching the UG Business Model

- Defining UG Business and Management education
 - Changing nature of the offering
- Increased competition
 - New threats/new opportunities?
- Enriching the student **experience**
 - Student at the centre
 - Enriching the offering
- Reconsideration of student learning/**engagement**
 - New technologies/new expectations/new learning styles
 - Moving to more personalised/individualised learning



Engagement as a Bridge (Paul and Vicki Trowler, 2011)

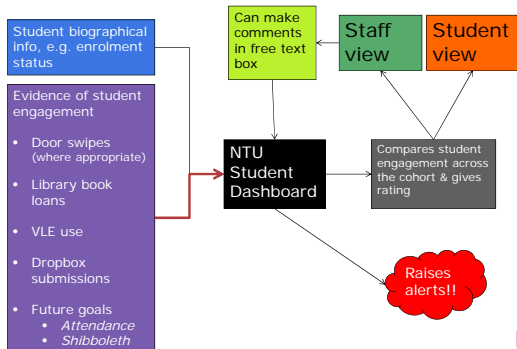


Bridge as a metaphor – environment, climate terrain, similar journeys.... different destinations

5




What does the dashboard do?



Engagement for past 5 days

Explanation of engagement ratings


Advice about what to do to improve engagement

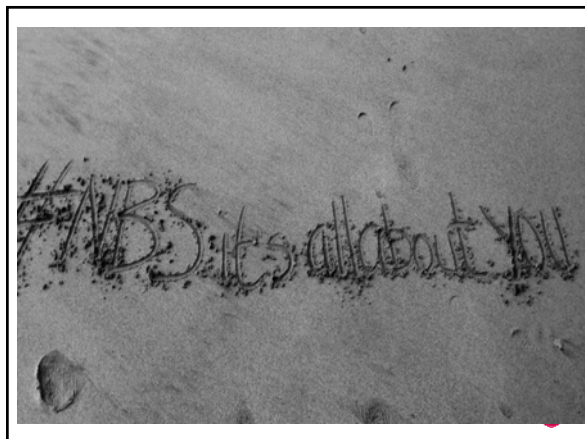


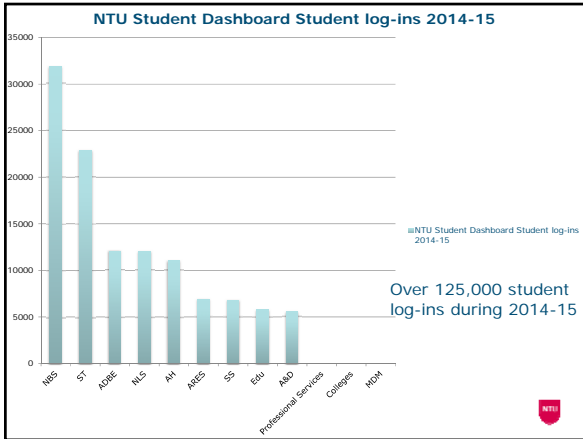
The screenshot shows a dashboard with a header 'Engagement for past 5 days' and a 'Refresh 6 days' button. Below are five circular icons representing daily ratings from 13 Sep to 17 Sep. A legend titled 'What the engagement ratings mean' lists: High (green), Good (blue), Partial (purple), Low (red), and Not Fully Enrolled (grey). At the bottom, there are two links: 'Find out more' and 'Find out how'.

Piloting the Dashboard

- Project Group
 - Students' Union, quality assurance, Equality & Diversity, planning, legal services, registry, Information systems, Student Support Services, Schools, Colleges & Community Outreach
- Pilot programme (2013-14)
 - 4 first year courses, 22 staff, 400 students
 - Understand how students and staff use it
 - Explore reactions to using the dashboard
 - Test methodology - does it work?
 - Student focus groups, student surveys
- Full implementation (2014-15)
 - By Spring 2014, it was felt that there was sufficient benefit to consider full implementation, further evaluation conducted in Nov 2014 - Jan 2015








Personalised Learning

I have a long-term commitment to improve education. Today I want to highlight a small, early project that Facebook is embarking on to help students reach their full potential. The approach is called "personalized learning" -- and it's already driving positive outcomes for students.

The idea is that teachers work with students to customize instruction to meet the student's individual needs and interests. Technology in personalized learning enables teachers and students to create personal learning plans, track progress and find materials to help them learn best. When technology is tailored to students' needs, it frees up time for teachers to do what they do best -- mentor students.

NTU

Five C's of Change




NTU

C o n t e x t



C u r i o s i t y



C o m m i t m e n t





