

Newcastle University

Using mobile devices at Newcastle University

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NUIT

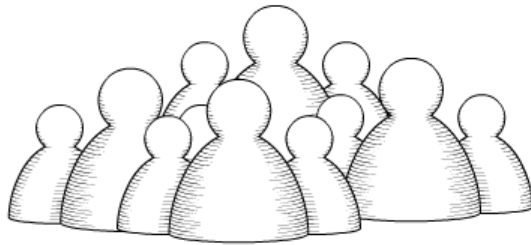
Session outline

1. Adoption of mobile devices at Newcastle University
2. Newcastle University support
3. Student adoption of mobile devices
4. Challenges of using mobile devices at Universities

**97% new students own a
smartphone**

100% own a mobile device

n=500



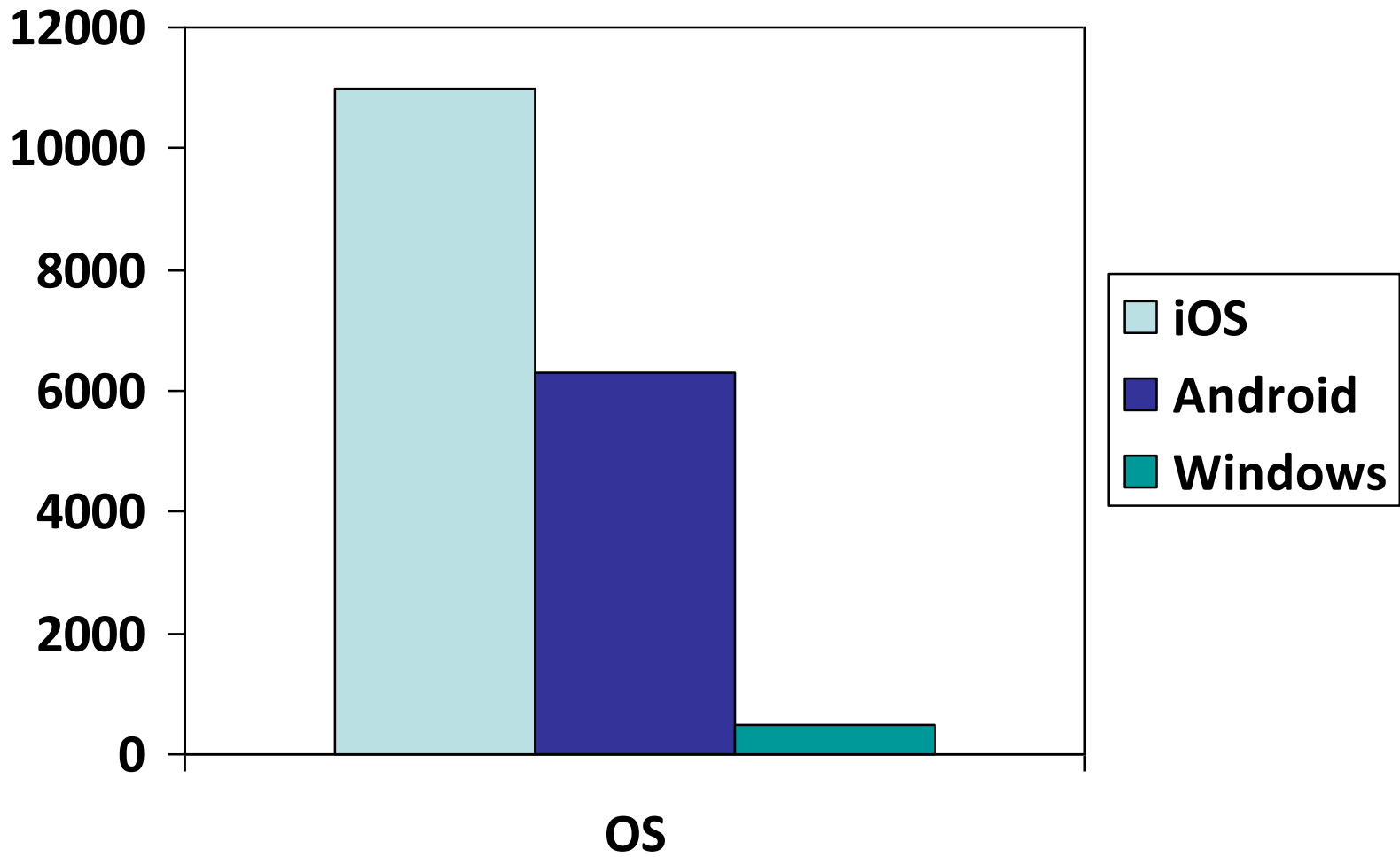




Photo by [adactio](#) / [CC BY 2.0](#)



- Strong communication channels
- Invest in infrastructure
- Improve service accessibility

Newcastle University I.T. Bytes


You are posting, commenting, and liking as Newcastle University I.T. Bytes — Change to Marc Benn

Newcastle University I.T. Bytes Timeline Recent

as of late but we're happy to inform you that everything is now breezy again. Sorry about that.

For those of you who are technically-inclined, please follow the link below for a full breakdown.

<http://www.ncl.ac.uk/itservice/news/item/update-following-it-service-issues-over-the-past-week>



Like · Comment · Share

67 people saw this post

Boost Post

Newcastle University I.T. Bytes shared Newcastle University Librarian's photo January 29

Lovely picture! It's a good opportunity for us to shamelessly plug our cluster room that has returned to 24 hour opening today after maintenance work outside the building!

Mmm... not sure about the new facilities in the Old Library building...

Newcastle University I.T. Bytes shared a link February 5

We're halfway through the academic year already it was about time we offered you lot some refreshment form of the REFRESHERS' FAIR 2014! **roaring

Along with a few others you may have heard of (NUS Card, ZaZa Bazaar and Subway), we'll be in all your IT needs. Come and say hello - and grab

Newcastle University Students' Refreshers' Fair 2014 www.nusu.co.uk

Entering 2014, does the end of year already seem to be looming too late to get involved in clubs

Like · Comment · Share

Sharon Mossman and Jackie Butterworth like this.

Write a comment...

125 people saw this post

Newcastle University I.T. Bytes shared a link January 31

How would you feel about a stranger downloading photos from your Facebook profile?

This short video reminds us just how easy it is to overlook important privacy settings on your social media accounts.

Your Social Media Privacy Settings Need Checking!

Your social media profiles provide a human

Tweets

Following

Followers


Favorites

Lists

Tweet to NU-IT Service

@NU_ITservice

Photos and videos



Who to follow

Keith Smyth Follow

James Little Follow

Popular accounts Find

Trends · Change Wikileaks



NU-IT Service

@NU_ITservice FOLLOWS YOU

IT tips, news and how-tos for students and staff at Newcastle University.
Newcastle, Tyne and Wear, UK · ncl.ac.uk/itservice

TWEETS 549 FOLLOWING 376 FOLLOWERS 409

Following

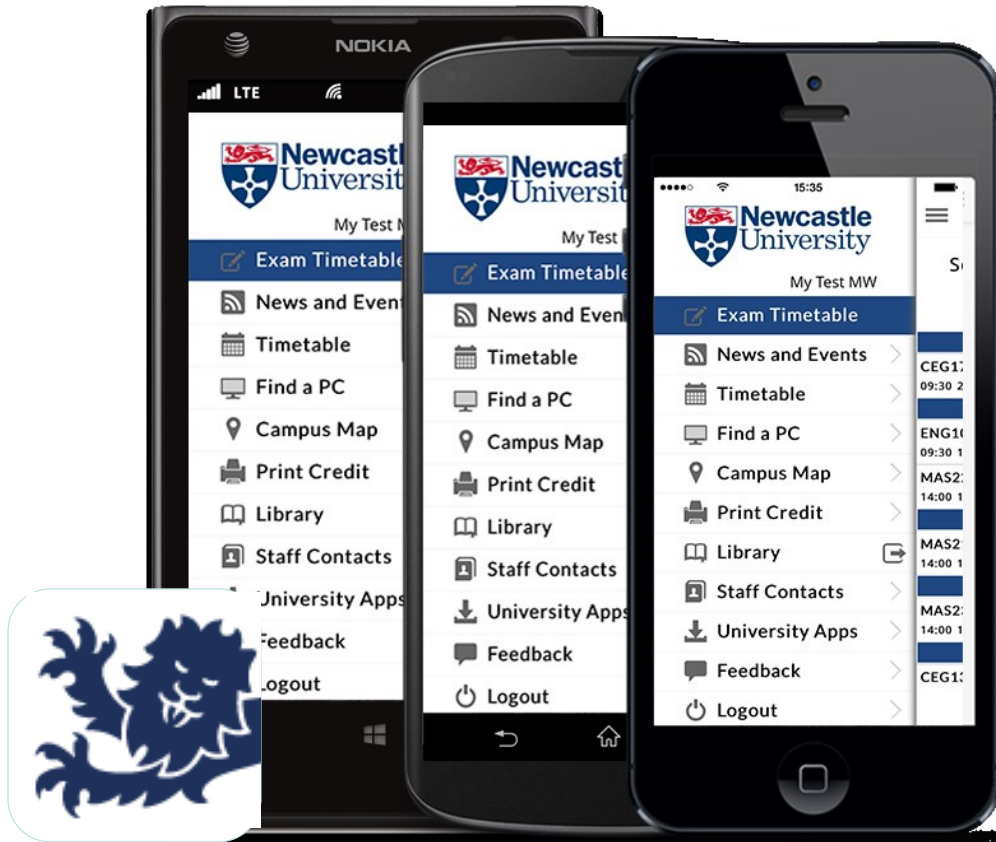
Followed by Michelle Embleton, Sharon Mossman, NU-IT Technical and 6 others

Tweets

NU-IT Service @NU_ITservice · Feb 17
#nuitmessage Network & Wireless connectivity at risk between 10:00 and



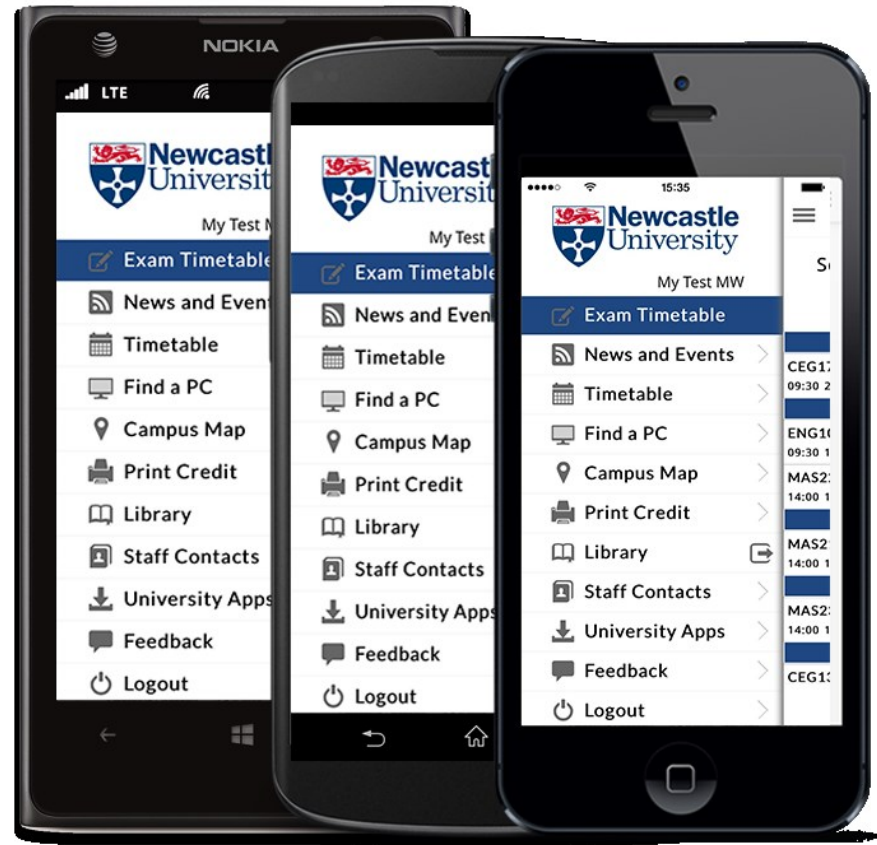
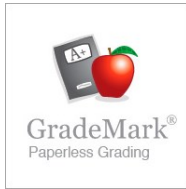




Learning	Technology
Personalised	Personal
Learner centred	User centred
Situated	Mobile
Collaborative	Networked
Ubiquitous	Ubiquitous

Sharples, M (2005)

WI



What we offer



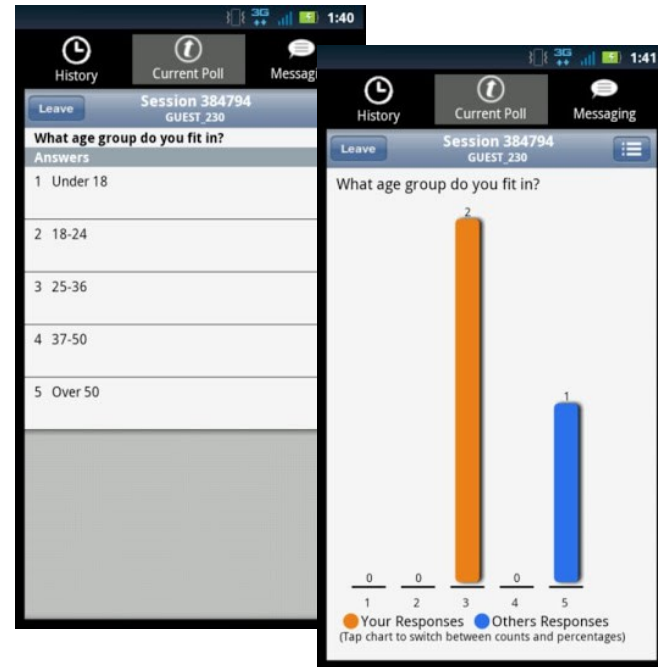
- **Filr**



What we offer

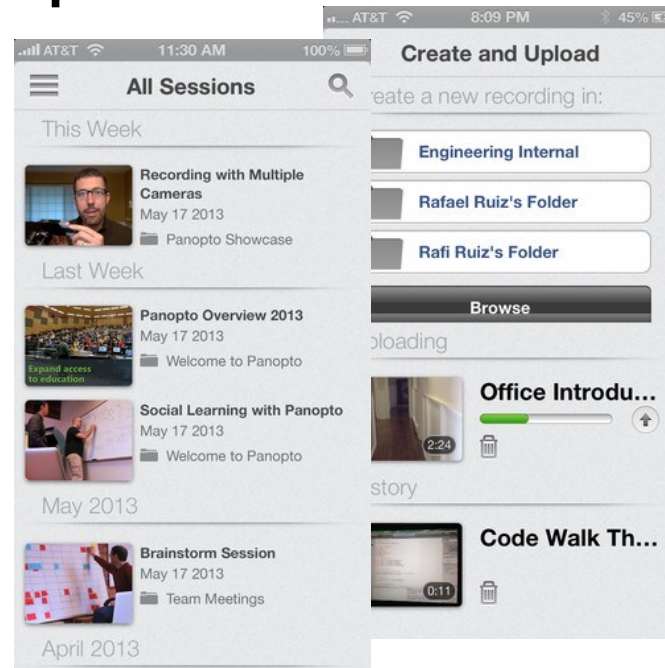


- **ResponseWare**



What we offer

- Panopto



What we offer

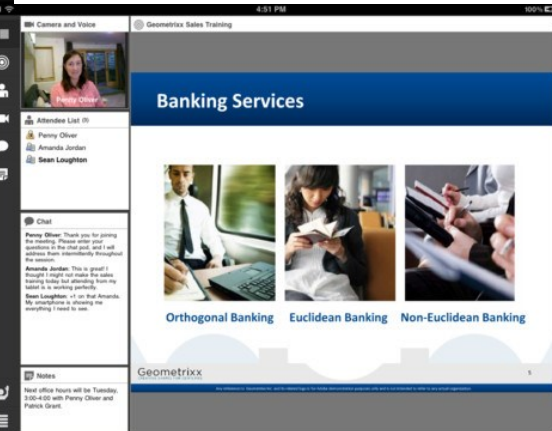
- **GradeMark**



A screenshot of the GradeMark interface. At the top, there are tabs for 'Originality', 'GradeMark', and 'PeerMark'. The document title is 'A Natural Setting' by 'CAEL BURROUGHS'. On the right, there is a Turnitin logo, a '32%' similarity score, and '87' out of 100. The main text area shows a student's paper with several highlighted sections and annotations. A 'Run-on' annotation is visible over the sentence 'of the grandest of all special temples of Nature.' A comment box is open over this sentence, containing the text 'This statement needs supporting evidence.' and an 'Edit' button. On the right side, there is a sidebar with a search bar for 'QuickMark templates' and a 'Commonly Used' section with various grading tools like 'Comment', 'Awk.', 'C/S', 'Citation Needed', 'Commonly Confused', 'Del.', 'Improper Citation', 'Insert:', 'Missing ','', 'Need more evidence', 'P/V', 'Run-on', 'Sp.', 'Support', 'Title', 'Vague', 'WC', and 'Weak Transition'.

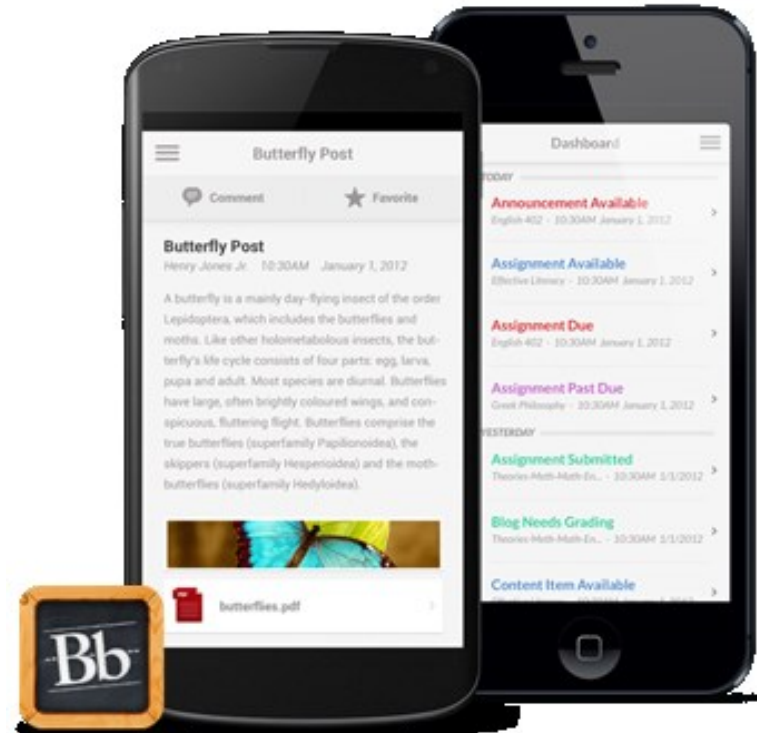
What we offer

- Microsoft Lync & Adobe Connect



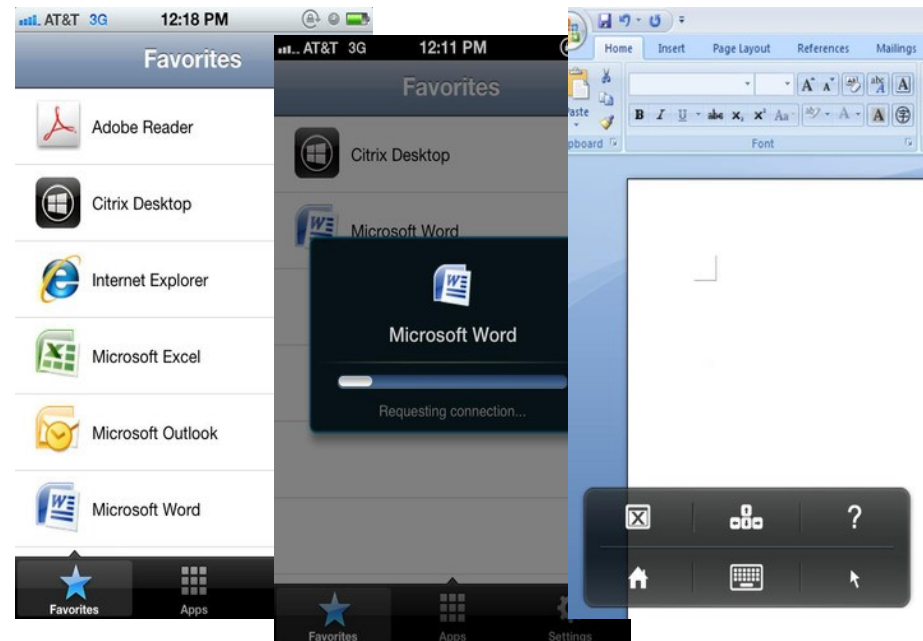
What we offer

- **Blackboard Mobile Learn**



What we offer

- Citrix Receiver



PEARL Project Overview

Pioneering Education - An Advanced Resource for Learning

Aims:

- Use of tablet for obtaining lecture and practical handouts
- Take notes in lecture and practicals
- Improve accessibility to University Virtual Learning Environments
- Improve student learning experience
- Replaces paper handouts (100 sheets A4 pwps)
- Paradigm shift in student learning

Trial Details: 1 Year trial (AY2011/12)

- Use tablet instead of any handouts in lectures and practicals

PEARL Project AY2013/14

- **Samsung Galaxy 10.1:**

- 1.4GHz Quad Core CPU
- S Pen for handwriting capture
- 16 GHz dual-core NVIDIA
- 16GB ram
- Android™ 4.1.2 (Honeycomb)
- Battery: up to 72h (video 9h)
- £340 per tablet
- CEG branded case

- **Pre-installed and supported by CEG computing staff**

- PDF reader and office software
- Some 'spare' tablets for swap-out if required
- Four year warranty on tablets
- Recommendations for security and anti-virus



Student introduction to PEARL

- Three induction sessions:
 - Handout tablet and set it up (Wifi, Email, Calendar)
 - Edit a sample document and try note taking
 - Drop in session and set up H: drive access
- Students required to sign an agreement
 - Become owners
 - Agree to abide by Newcastle University ISS rules

Current status of PEARL

- Issues:
 - Setup time and student familiarity with IT
 - Wi-Fi reliability / strength/ availability
 - Pockets of good and poor connectivity,
 - Large class sizes compounds access problems
- Positives:
 - Working closely with ISS
 - Use of Turning point / ResponseWare
 - New tablet has improved note taking ability





CEG PEARL (Pioneering Education – An Advanced Resource for Learning) approach

Agreement for Tablet provision

The School of Civil Engineering & Geosciences will supply you as a Stage 1 CEG student with a tablet, subject to the conditions below. The tablet is provided to you as a major teaching resource for all CEG modules. You are expected to use the tablet to access any teaching materials during lectures and practicals, as no paper copies will be distributed. It is expected that this will continue through all stages of your degree.

You are now the owner of a Samsung Galaxy Note 10.1 tablet. The ownership is subject to you successfully completing Stage 1, and proceeding to Stage 2 of your degree programme. You are allowed to use it, install apps, documents etc. on it, subject to the following conditions which will apply until the end of your studies:

- **The tablet must be available to aid your study throughout your degree. You are expected to bring it, adequately charged, to all lectures, practicals, tutorials etc.**
- It is your responsibility to look after the tablet and take care of it. Each tablet has a four year warranty, which covers malfunction of the hardware not caused by user error. Any misuse of the device which leads to device being broken or stolen is not covered under the warranty. We, therefore, advise you to maintain the original condition of the tablet.



CEG Tablet setup

Contents

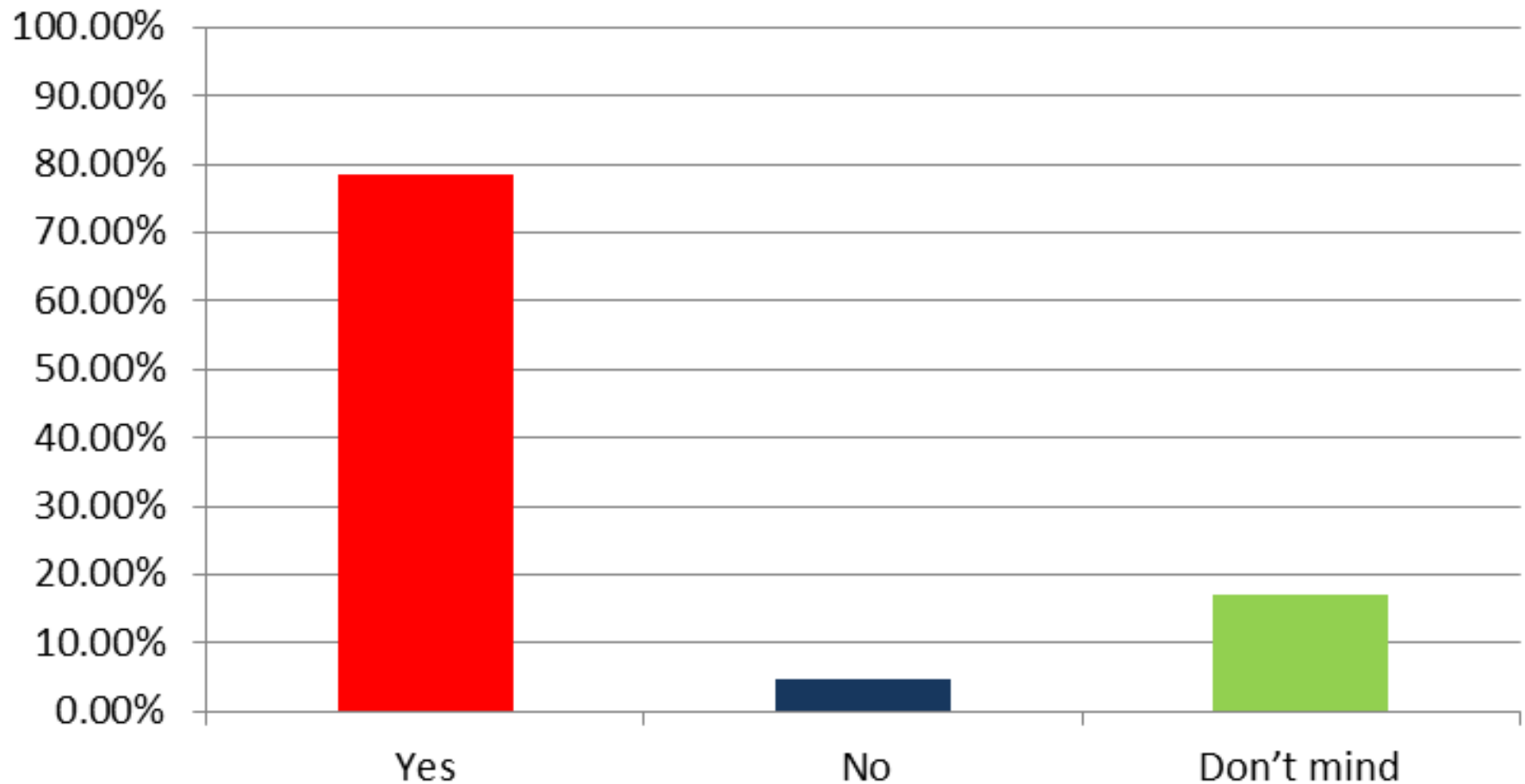
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1. Getting familiar with your tablet

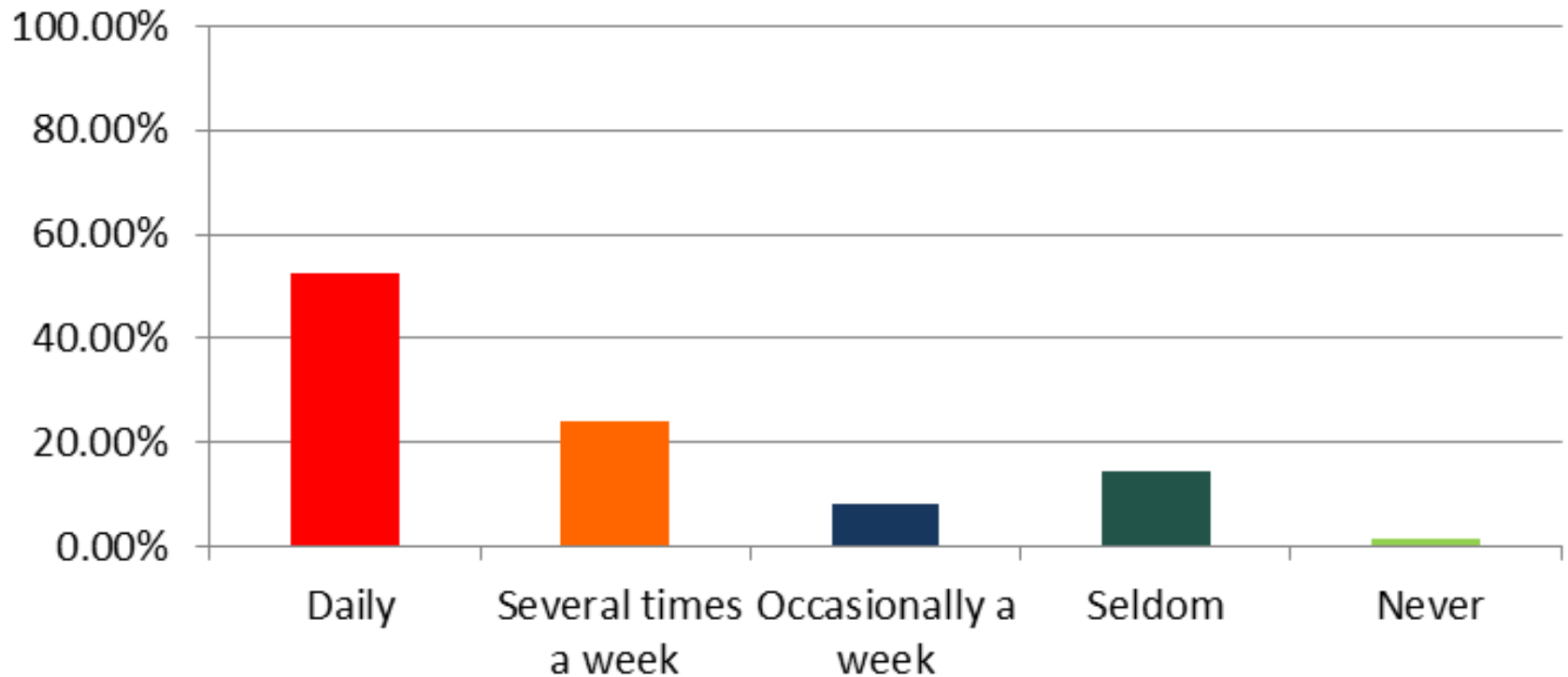
Intro session 2 – Content

1. Required apps for your studies at Newcastle University
 - Adobe Reader
 - Responseware
 - Newcastle University
 - Novell Filr:
 - Blackboard Mobile
2. Take notes on a document using Adobe Reader
3. Taking notes
4. Timetable on tablet Google calendar
5. How to use recap on an android device
6. Browser
 - NUIT Support

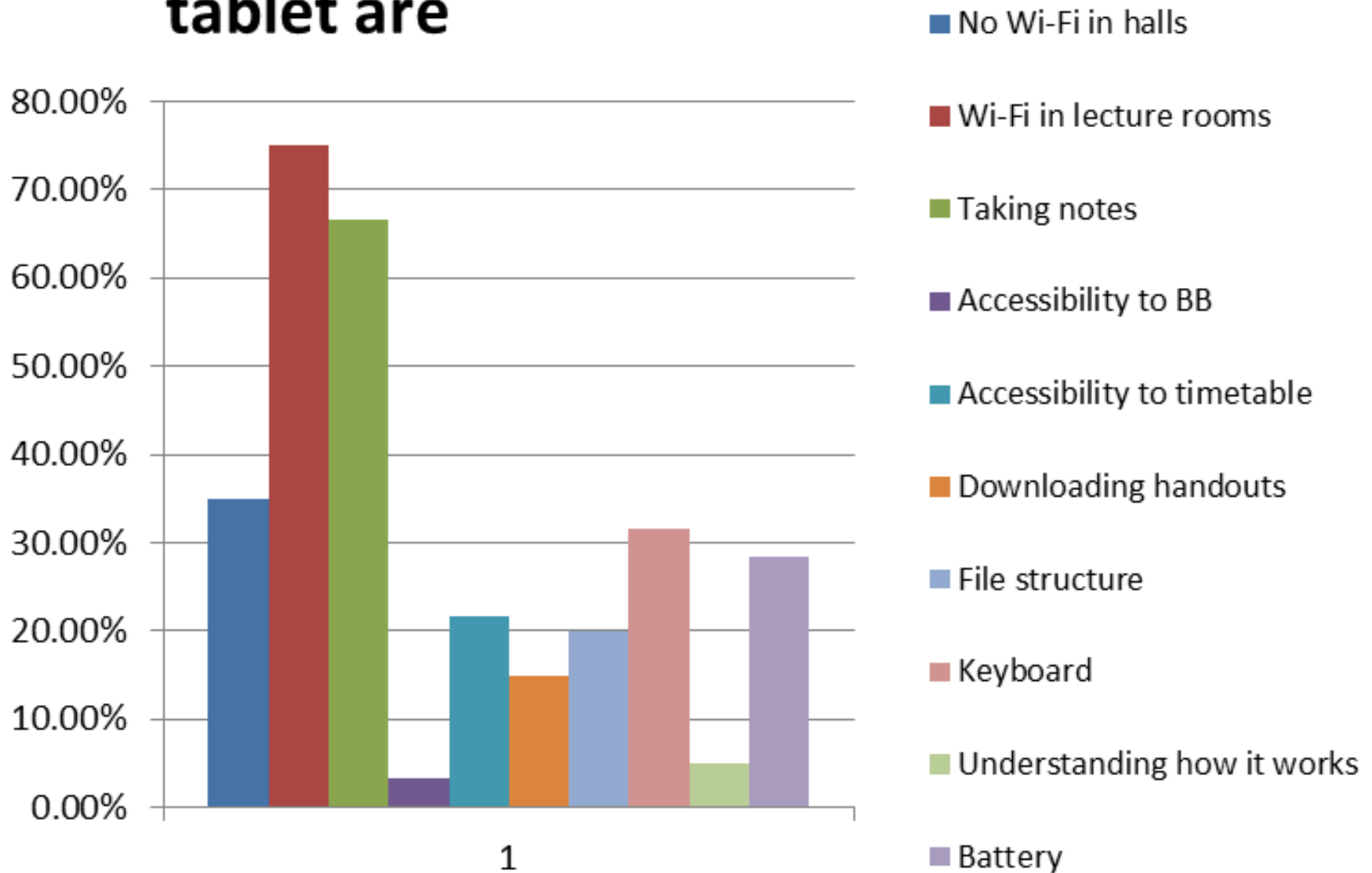
2013/2014: Do you like the use of tablets for teaching in digital format?



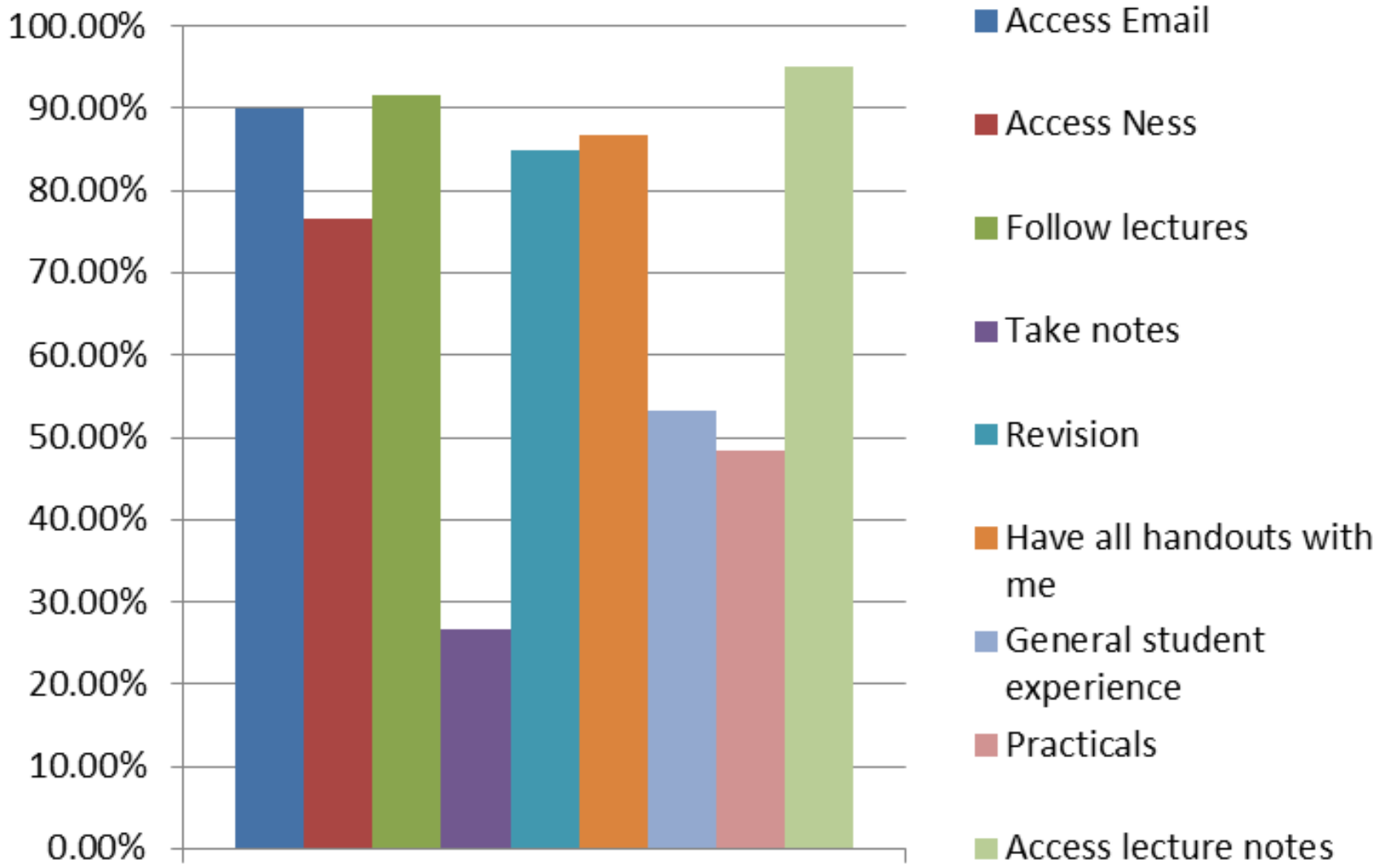
2013/2014 Do you use the tablet in a teaching and learning environment?



2013/2014: My difficulties with the tablet are



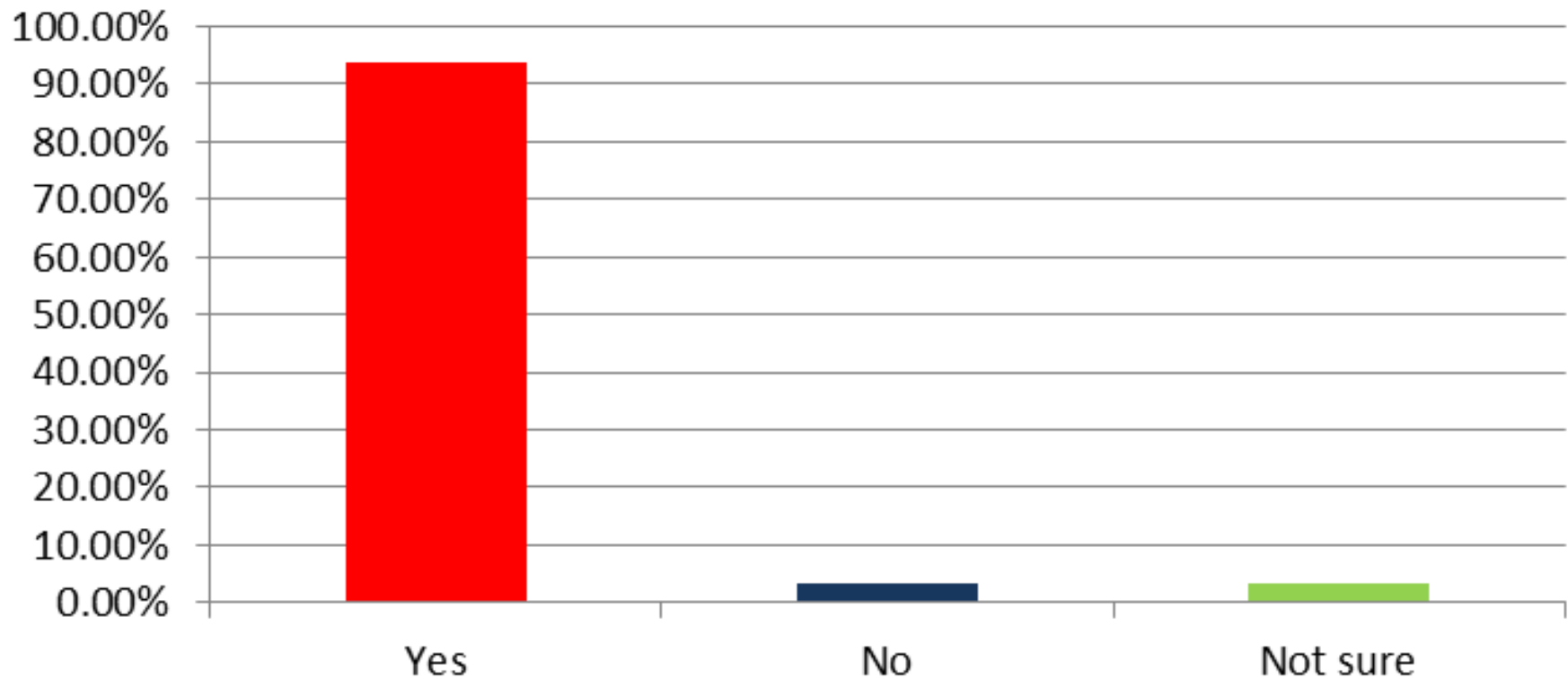
2013/2014 The tablet is useful for



1



2013/2014 I think the tablet is benefitting my student experience



Summary and Outlook

- Overall felt that use of tablets for teaching is improving the overall student experience
- Growing support through app improvements and technology
 - Blackboard Mobile Learn; Turning Technologies ResponseWare
 - New tablets more suitable for note taking
- University through NUIT is investing in supporting infrastructure
- Students are more familiar with technology year-on-year

Questions

