Using Mobile Devices To Access Data And Systems
The Experience At The University Of Queensland’s School Of Medicine

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Relevance (So what?)

- The student experience
- Widening access and increasing participation
- Driving IT value
- Identity and access management
The Challenge

- MBBS Guide
- Hierarchical structure
- Primarily display of text
- Users to make frequent minor changes to content

Issues

- Should we lock into one platform or should we develop cross-platform?

Top Smartphone Platforms
Total U.S. Mobile Subscribers Ages 13+
Source: comScore MobiLens
Issues

- Should we develop native applications for devices?

Or

Issues

- Should we utilize the commercial opportunities offered by established distribution channels?

$$$$
Decision

- Mobile browser based
- Device agnostic
- Non-commercial
- School specific
- User maintainable content
- Single central repository

Technical Approach

- Umbraco CMS
- CSS
- Single URL
- Authentication
Mobile Interface

iPhone

Android

Mobile Interface

iPhone

Android
Standard Browser Interface

Content Management Interface
Reflections

- Sexy technology
- High level technical skills
- Resist pressure

Key Success Drivers

- Scalability
- Consistency
Future Development

- Content Display
  - Clinical Handbooks for years 1 and 2
- Interactive Systems
  - Student attendance sheets (for tutors)
  - Student Logs

References

- [http://umbraco.org](http://umbraco.org)
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