



Integrating mobile into existing applications

Sam Moffatt

About Me

- Systems Co-ordinator for USQ Library
- Development Co-ordinator for Joomla!
- Keen advocate of pies
- Master's student at USQ studying "access control in semantic information systems"

About this workshop

- We've got almost an hour together!
- Hands on, fast paced
- What will we achieve?

What will we achieve?

- Mobile web site from scratch with custom built theme
- We're going to use Joomla! to create a dedicated mobile site
- We're going to spend some time and try to get a common template for VuFind to get a mobile catalogue

You may not follow along all of the time but what I want to demonstrate that it isn't impossible or that difficult to achieve!



Initial Design

Design Considerations

- Simple
- Touch friendly
- Easy to navigate
- "Apparent"

Design Considerations

- Primary orientation is portrait
- Wide designs do not work well
- Navigation located at top

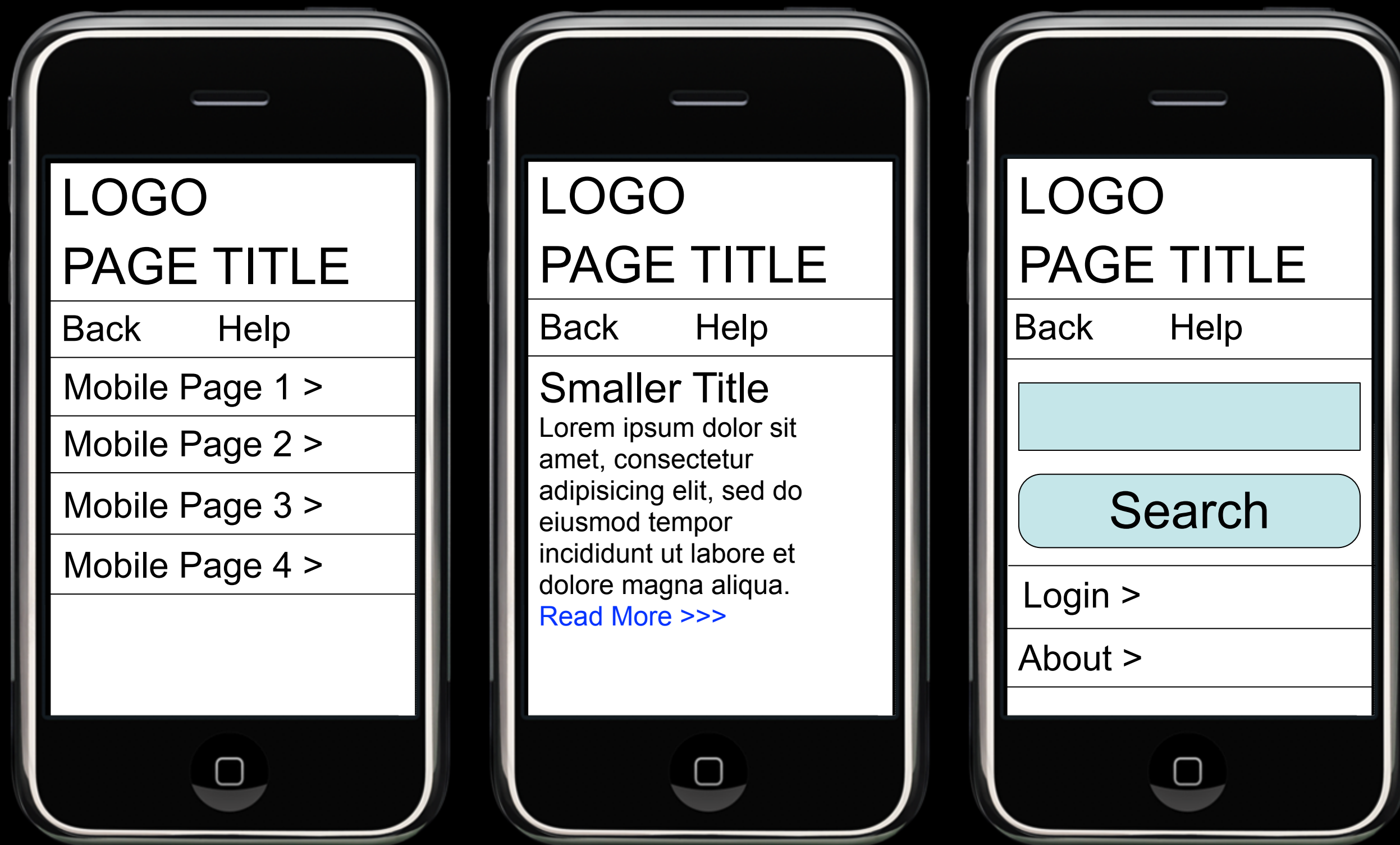


Lets Go!



Layout

...20 years ago



Layouts



Now to add colour...

"color" if we have anyone from USA

Colour Scheme via Kuler

<http://kuler.adobe.com>



Time to build it!

Design to HTML



Add a dash of CMS...

About Joomla!

- Joomla! is an open source content management system
- Joomla! helps you make websites
- Joomla! is awesome



Installing Joomla!?

not something we're covering here



HTML to Joomla! template!



CSS Tweaks!



Mobile site completed!



You, Me and VuFind

Mobile VuFind...how hard can it be?



Installing VuFind

also not something to do in a short workshop

Mobile detection built-in!



VuFind Templating



CSS Tweaks

didn't we do this?

Finished?

Are we there yet?
Are we there yet?
Are we there yet?
Are we there yet?
Yes, we're there!

Achievements

- Built mobile friendly template
- Applied to Joomla! to provide CMS functionality
- Applied to VuFind to provide catalogue functionality

Resources

Slides available from:
<http://eprints.usq.edu.au/8495>

Resources

- Installing Joomla!
- Installing VuFind
- Template Samples:
 - Original HTML
 - Joomla! Template
 - VuFind Template



Integrating mobile into existing applications

Sam Moffatt