Iteration: 7 (06/04 - 12/04)

Alex Taylor - amt22@aber.ac.uk

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Contents

1 Story: Site should be mobile responsive

1.1 Analysis - Breakdown of Tasks

- Create standard media query sizes

- Create media query for quiz questions

- Media query for welcome page

1.2 Design

A quiz page should look like the design specified in iteration 4.

1.3 Implementation

Finding the media query sizes was simple, Bootstrap recommends some default sizes for phones, tablets etc. (TODO: cite this https://getbootstrap.com/css/#grid-media-queries) Then it was a simple task of using the Chrome developer tools to view the page in mobile view and change the various sizes of buttons and titles to be more mobile friendly.

1.4 Testing

This is not really possible to test with automated testing, but should be easy to test with users later in the project.

2 Part Two Re-Design

TODO: Some stuff about redesigning with slides

3   Story: Admins can stream slides

3.1   Analysis - Breakdown of Tasks

- Upload pdf slides

- Convert these slides to images

- Save references to these slides in the database

3.2   Design

TODO

3.3   Implementation

Upload of slides with standard form https://laracasts.com/series/whats-new-in-laravel-5-3/episodes/12 Convert these using a library that uses Imagaick - https://github.com/spatie/pdf-to-image Save to database - why? Also talk about the way slides deleted because of size constraints. 20 slides as images is about 15mb which adds up quickly with multiple lecturers and lectures for each one. Is saving to the db actually needed? Websockets send the quizid and img name so maybe not.

Need to use php artisan storage:link to create a /storage folder

3.4   Testing