

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

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## 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 Imagick - <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.

### 3.4 Testing