

Iteration: 5 (23/03 - 29/03)

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1 Story: Admins can login to the backend and run a session with a quiz

1.1 Analysis - Breakdown of Tasks

Tasks left over from the previous week:

- Form on front page redirects to quiz
- Questions rendered as a form
- User can submit the form with their answers
- Questions need limiting on going above/ below max and min

These were all completed which means that the quiz functionality is almost done, only rendering results is required now.

1.2 Design

1.3 Implementation

Helper function <https://laracasts.com/discuss/channels/general-discussion/best-practices-for-custom-helpers-on-laravel-5?page=2>

Issue with JQuery Ajax <https://stackoverflow.com/questions/14193469/jquery-is-adding-prevobject-to-array>

1.4 Testing

1.5 Extras

2 Stories Completed

This iteration and the last have both operated underneath the umbrella of the one story. This is not necessarily accurate as the work that has been completed with this one story covers a multitude of stories. The reason they weren't split up is slightly unclear but part of the reason is the severe overlap between them and some of them being more like functional requirements than areas of work to do. The stories that are now complete:

- Multiple different sessions can be run simultaneously
- The Admin specifies which question is being run by clicking next/prev question etc
- Sessions can be joined by users via the website
- Up to 300 users should be able to join and answer questions (this story is somewhat subjective, but in theory it should scale upwards with no issues)
- Users answer the question being displayed by the quiz

3 Non-Story Work

3.1 User Page

A large amount of work was done on the user pages, this was to ensure that admin could view and edit their details including changing thier session keys. This work was rather simple and just involved creating the user blade pages, adding the various functions to the controller and model and adding a little bit of fucntionality to the authentication actions for registering a new user.

3.2 Javascript Clean Up

A lot of javascript that was being rendered on the page is not used and useless to the project, in fact the libraries are quite large and take up a significant amount of space. Removing these unused libraries, VueJs being the largest, frees up the javascript output file considerably, which will increase load times significantly.