

Project Proposal

QuizItUp (TBD)

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Purpose Overview

A site focused on quizzes, in an LMS style that offers opportunity for review and randomized quizzes based on topic.

Aims to be useful for reviewing a topic.

Structure behind quizzes would be a question and answer bank that is pulled from to randomize questions about topics.

Technology Stack Overview

Using the Angular framework for the front end, Oracle DB hosted on AWS with Spring and Hibernate in conjunction to get and persist data to the DB. EC2 and RDS hosted on a VPC with AWS for remote access to the public.

First Steps

Our first focus is creating the frontend and using dummy data before we have a solid grasp over Spring. As the week goes on we are ready to plan out exactly what needs to be done with Spring moving forward.

In that same vein, we have talked about potential design decisions and have highlighted a few potential routes. The options that are available to us in just the frontend offer a lot of potential design space.

Current User Stories

As a User I want to...

Take a quiz

Check my answers

Search for a quiz

Make a quiz

Login

Check my past performance

These are our current requirements for a minimum viable product.

Looking Forward

There are a number of stretch goals that we are excited about. However, a number of them depend on design decisions that relate to how the site *should* function. Instead of deciding on etching any of them permanently, we have decided against limited the design space and are instead continually thinking of new directions to take the project in, should we meet our minimum viable requirements.

These include but are not limited to:

- Flagging questions for review
- Categorizing questions by difficulty
- Selecting a difficulty level for a quiz/group of questions
- Filtering quizzes by tags