

Release Plan

Better Quiz App

Alpha Team

Release A

Introduction

The Better Quiz App is an alternative testing methodology application that will boost the learning experience for students. The 10 – 15 question weekly quizzes would be replaced with a pool of 20-30 questions that will be randomly selected (at first), and given to students in sets of 10 questions. The questions that the students get wrong will be given to the students again, and the "lesson set" will be considered complete once the students have gotten all the pool questions correct. This will occur after multiple rounds of quizzing per week (either in class or at home). As a result, the teacher can see the repeated wrong questions to determine what needs to be reviewed in the upcoming weeks.

High Level Goals

To obtain an efficient web application that accomplishes the improvement of this learning experience, the team will work on the following features:

- Create admin privileges to determine student or teacher roles.
- Be able to create a set of quizzes to be taken by the student.
 - Be able to display a question and input an answer from the user.
- Determine if the quiz answers are right or wrong.
- Be able to see the amount of students in the class.
- Be able to determine a grade out right and wrong questions.
- Create statistics from the data received from the test results.
- Give the user (teacher) the ability to manipulate the amount of questions and time for each quiz given.

User Stories

Priority = 1-high to n-low

Sprint 1

Priority	User Story	Story Points
1	As developers we need to set our environment, learn and review the technologies that will be used for the project.	3
2	As a student I want to be able to see questions to be taken.	5
3	As a backend developer we want to define what a quiz is.	5
4	As a student I want to be able to take quizzes in order to gain practice and knowledge.	5

Sprint 2

Priority	User Story	Story Points
1	As a frontend developer I want to design a layout for each webpage	3
1 (simultaneous)	As a backend developer I want to develop a user model.	5
2	As a user I want to be able to register an account.	5
2 (simultaneous)	As a user I want a clear, simple user interface to create quizzes.	5
3	As a user I want to see my graded quiz.	8

Sprint 3

Priority	User Story	Story Points
1	As a user, I want to be able to see my quiz results.	8
2	As a user, I want to see a beautiful looking app.	8
3	As a user, I can logout.	3
4	Refactor quiz, so a user can step through questions.	8
5	As a company, we need to have a logo	3

Product Backlog

- As a teacher I want to be able to view class statistics.
- Make the application available for multiple classes at one time.
- Create “classrooms” so that teachers can view the students in their class.
- Have a system to upload quiz grades so that the teacher has access.
- Allow access to past quiz results so students know how to improve.