

# TableQuiz.app

Development Overview

# Introduction

TableQuiz.app is a web app that allows users to easily create quizzes.

Quizzes that are created can use a number customizable add ons which are pay per use.

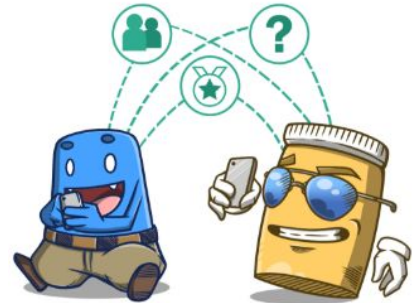
Quizzes can be accessed and played via a simple link that is auto generated when the quiz is created.

There is an admin panel that helps manage the system, view stats, add questions to a bank of questions and set prices for the customizable features.

The majority of html & CSS has been completed for the project and only small items remain to be completed (Which will need to be done by the engineer taking on the project).

The link for the high fidelity prototype can be found here:

<http://phpstack-118154-1329659.cloudwaysapps.com/>



# Development Requirements

We would like the high fidelity prototype (Link on previous slide) to be taken to a fully functioning web app.

I am looking to get separate quotes for this to be coded in:

01 - React

02 - PHP on a Laravel Framework

The finished web app will be hosted on a DigitalOcean server and will require Google Analytics setup.

All code will need to be committed to a Github account and an SSL cert and cookie banner will need to be added.

The quote should include full cross platform testing to ensure everything is working upon handover on different size devices and browsers.

# Product Overview

## User Types

- Quiz Participants: Someone who is playing a quiz
- Quizmasters: Someone who has set up and runs / marks a quiz
- TableQuiz.app admin: Manages the system through an admin panel

## Product Flow

- TableQuiz.app admin sets up suggested question bank and sets prices for add ons.
- A Quizmaster goes to the site and sets up a quiz.
- A link is auto generated which they can share with Quiz Participants.
- Quizmasters login to their accounts and start the quiz.
- Quiz participants are issued questions and the Quizmaster marks their answers.
- Stats are recorded and shared with the Quizmaster and the Admin.

# Homepage

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/>

## Page Functions

- Create a Quiz / Get Started: Users can click click CTAs which brings them to the initial quiz setup screen.
- Login: This should ring up a modal that will allow a user to login through social logins or through a username and password
- Sign Up: This button brings up a sign up modal (Sample design is at the end of the setup currently) and once registered the user will be brought to the Quizmaster dashboard.
- Join a Quiz: Button allows the user to enter in the quiz name and enter a quiz as a participant.
- Footer: Once live this page will only have About and Contact links in the footer (Both of these pages will need to be designed during development.

# Quiz Setup

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/quiz/setup.php>

## Page Functions

- The Quizmaster adds a quiz name and password.
- A Quiz url is created from the quiz name but can be customized. This can be copied on the page.
- A quiz icon can be uploaded which is displayed to quiz participants when they are entering a quiz.  
*(Note: If no icon is uploaded then the logo with the character from the homepage can be displayed on the quiz intro screen.)*
- The number of participants is set. This is a paid feature and prices for this can be set within the admin.

**Note: The 'Charge for Entry' that is in the UI feature will be removed and this is not required in development.**

# Round Setup

## Link

[http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add\\_round.php?quiz\\_name=&quiz\\_password=&quiz\\_link=&quiz\\_charge\\_entry=no](http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add_round.php?quiz_name=&quiz_password=&quiz_link=&quiz_charge_entry=no)

## Section Functions

- The user enters in a Round name and has the ability to upload a Round Background.
- Round backgrounds will be a paid feature. The prices for these are customizable and can be edited by the admin.
- Upon upload the user should be informed of what the cost for this feature will be via a cart in the nav bar.
- Users will be shown what their background will look like on mobile and desktop for quiz participants and should be able to rotate, crop & zoom to ensure it looks ok. (UI on this page will also need to be updated with optimal sizes that should be used)
- The tool tip on the background section should be updated with guidance text.

# Adding a Question

## Link

[http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add\\_round.php?quiz\\_name=&quiz\\_password=&quiz\\_link=&quiz\\_charge\\_entry=no](http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add_round.php?quiz_name=&quiz_password=&quiz_link=&quiz_charge_entry=no)

## Question Types:

- The page populates with the first question input, there is a CTA at the bottom of the page that allows Quizmasters to add additional questions (which will appear on the same page during the setup). Once multiple questions are added users should be able to remove unnecessary questions / reorder questions if desired.
- There are three main question types on the platform:
  - Standard: Quiz Participants are given a text field to answer the question when playing
  - Multiple Choice: Quiz Participants are given buttons with prefilled in answers which they must select the correct answer from when playing
  - Numeric: Quiz Participants are given a keypad to enter their answer when playing the quiz.  
*Note: It is not in the design but users should have the ability to add media to answers*



# Adding a Question

## Link

[http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add\\_round.php?quiz\\_name=&quiz\\_password=&quiz\\_link=&quiz\\_charge\\_entry=no](http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add_round.php?quiz_name=&quiz_password=&quiz_link=&quiz_charge_entry=no)

## Question Additions:

### Media:

Quizmasters can add different images, audio or videos to any question type. Users can add this by uploading the media from their computer or adding a link which can then be accessed by quiz participants when a game is being played. It is not in the current design but media should be able to be added to answers also.

### Time Limit:

Quizmasters can set a time limit on questions. This time limit can be managed (Start, stopped and paused) by Quizmasters when they are running their quizzes.

Quiz Participants only have access to entering answers during game play while they still have time.

# Adding a Question

## Link

[http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add\\_round.php?quiz\\_name=&quiz\\_password=&quiz\\_link=&quiz\\_charge\\_entry=no](http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add_round.php?quiz_name=&quiz_password=&quiz_link=&quiz_charge_entry=no)

## Suggested Questions:

Users can use suggested questions which have been added by the Quizmaster admin.

- Users first select a category (That has been added by the admin)
- Users then select whether or not the suggested question has media and if so, what media type
- Users are then presented with a list of questions that match the above criteria
- Users can edit the question (Edits will only show for them and will not be global across the bank as a whole)
- Users can add questions to their quiz
- As users add these questions they should be updated with a cart in the nav bar that shows the running total of their purchases.

(There are some very minor alignment issues on mobile on this page that need to be resolved)

# Additional Rounds and Publishing Quizzes

## Link

[http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add\\_round\\_2.php](http://phpstack-118154-1329659.cloudwaysapps.com/quiz/add_round_2.php)

## Additional Round Setup

Quizmasters have the option add a new round name and background when creating each round.. Additional rounds setup is the same layout and function as adding everything in Round 1. The only thing that differs is that users can navigate between the setup pages through a drop down in the top right.

## Publishing Quizzes

When users complete creating all of their rounds, they can publish their quizzes.

- If the user is logged in they are brought to their dashboard.
- If the user is not logged in they are shown a modal where they have the option to sign up or login (See slides following)

# Login

## Description

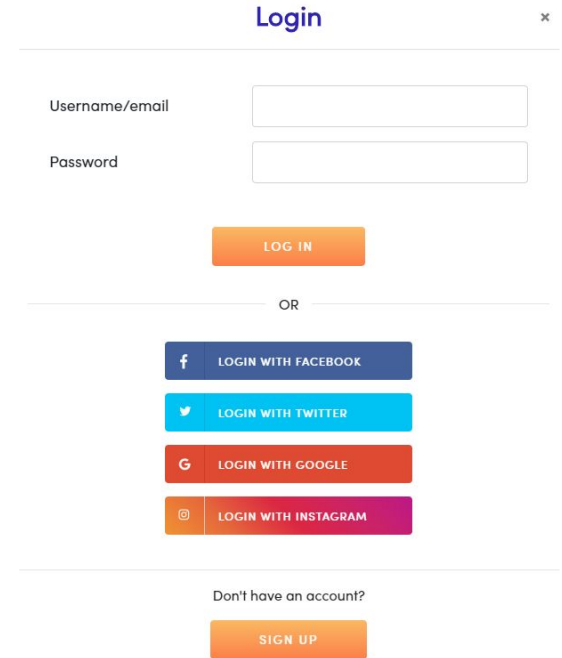
The Login modal (Right) pops up at the end of a quiz setup if the user is not logged in or, alternatively, if the login button is clicked at any time the user is on the promotional based pages.

## Function

Users can login using their username or password or through a variety of social logins.

If users do not have an account they can click on the signup button at the bottom of the modal.

An Option for forgot your password should be included on this which should trigger a branded email to allow the user to reset their password.



The image shows a login modal with a title bar containing the word "Login" and a close button (X). Below the title bar, there are two input fields: "Username/email" and "Password". Below these fields is an orange "LOG IN" button. A horizontal line separates this section from the social login options. Below the line is the word "OR". There are four social login buttons: "LOGIN WITH FACEBOOK" (dark blue), "LOGIN WITH TWITTER" (light blue), "LOGIN WITH GOOGLE" (orange), and "LOGIN WITH INSTAGRAM" (pink). Another horizontal line separates this section from the bottom part of the modal. Below the line is the text "Don't have an account?" and an orange "SIGN UP" button.

# Sign Up

## Description

The Sign Up modal (Right) pops up at the end of a quiz setup if the user states they have no account or, alternatively, if the button is clicked at any time it is on the promotional based pages.

## Function

Users can sign up by entering their details or through a variety of social logins.

Details added in the password inputs are hashed but should have an eye beside them (Not in current design) so you can unveil the password before hitting submit.

All passwords should be hashed in the database.

[< Back](#)Sign Up×

First Name

Last Name

Username

Email

Password

Confirm Password

SIGN UP

OR

f

SIGN UP WITH FACEBOOK

t

SIGN UP WITH TWITTER

G

SIGN UP WITH GOOGLE

@

SIGN UP WITH INSTAGRAM

# Your Cart

## Description

The Your Cart modal (Right) pops up at the end of a quiz setup / if the user clicks the basket icon during quiz setup if they have paid items in their basket. Only items that are being charged for are being displayed and if there is no bill this page is bypassed.

If the user has logged in their payment details should be prefilled so that they do not need to re enter.

If the card that is on show is incorrect their should also be an option to add a new card (This UI is not completed but will need to be)

[< Back](#)

Your cart

×

Description	Details	Price	Remove
No. participants	20 - 29	€9.99	<div>-</div>
Suggested questions	x 25	€9.99	<div>-</div>
Customised backgrounds	x 2	€9.99	<div>-</div>
Total:		€29.97	

Payment details

Cardholder name:

Street:

City/County:

Country:

Card number:

Card expiry:

CVV:

PAY NOW

# Quizmaster Dashboard - Overview

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/dashboard/home.php>

## Page Description

- Once logged in, Quizmasters will be brought to this page.
- Empty states will be needed for each section on the page (Images will be provided for this).
- A list of all quizzes created by the Quizmaster are shown and they have the ability to:
  - Start one of their quizzes: Start the quiz and begin issuing questions to the quiz participants.
  - Edit quiz: Brings them back through to the quiz setup pages with all questions prefilled in where they can edit each.
  - Share a quiz: A Pop up noting a link has been copied should be shown to the user.

## Notes

- The charging for entry option is being removed during quiz set up the 'Money Earned' stat can be removed from this page.
- On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Quizmaster Dashboard - My Quizzes / Settings

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/dashboard/my-quizzes.php>

<http://phpstack-118154-1329659.cloudwaysapps.com/dashboard/settings.php>

## Description of Pages

**My Quizzes:** A list of all quizzes created by the Quizmaster are shown and they have the ability to:

- Start one of their quizzes: Start the quiz and begin issuing questions to the quiz participants.
- Edit quiz: Brings them back through to the quiz setup pages with all questions prefilled in where they can edit each.
- Share a quiz: A Pop up noting a link has been copied should be shown to the user.

**Settings:** Users have the ability to change all of their details on this page and update their payment information.

**Note:** On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner



# Admin - Dashboard

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/admin/home.php>

## Description of Pages

### Latest Stats:

- Total number of quizzes created on the web app (Based on all time)
- Users Registered on the system (Based on all time)
- Money Earned (Through the sale of backgrounds, suggested questions and quiz participants)

### Latest Quizzes:

A list of quizzes that have been created sorted by more recent to oldest. (You can click View all which brings you to the quizzes page)

From the dashboard the admin can complete the following actions:

- View questions (This brings them into the quiz setup pages of the quiz)
- Share Quiz (This should bring up a modal that shows that a link to the quiz has been copied)
- Block Quiz (Stops the quiz from being accessible - if clicked you should be able to unblock and undo action)
- Message (This should bring up a modal that shows that the creator of the quizzes email has been copied)

**Note:** On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Admin - Quizzes

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/admin/quizzes.php>

## Description of Pages

A list of quizzes that have been created sorted by more recent to oldest.  
From this page the admin can complete the following actions:

- Search - Users can search by any data within the db to find a specific quiz or user
- View questions (This brings them into the quiz setup pages of the quiz)
- Share Quiz (This should bring up a modal that shows that a link to the quiz has been copied)
- Block Quiz (Stops the quiz from being accessible - if clicked you should be able to unblock and undo action)
- Message (This should bring up a modal that shows that the creator of the quizzes email has been copied) - This should be added and is not currently in the UI

**Note:** On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Admin - Users

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/admin/users.php>

## Description of Pages

A list of all users registered on the system sorted by more recent to oldest.

From this page the admin can complete the following actions:

- Search - search by all data in the db
- View questions - View a list of all questions that have been created by a user
- Block Quiz (Stops the user from accessing the system - if clicked you should be able to unblock and undo action)
- Message (This should bring up a modal that shows that the creator of the quizzes email has been copied) - This should be added and is not currently in the UI

**Note:** On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Admin - Financials

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/admin/financials.php>

## Description of Pages

- On this page the admin can set the prices that will be given to quizmasters upon quiz setup.
- It is not shown on the page but the admin should have the ability to add / remove additional price band if required
- If something is set as free on this page, the quizmaster will not be notified of any charges (i.e. they are not shown a screen that has a cost of €0.00)

Note: On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Admin - Categories

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/admin/categories.php>

## Description of Pages

- On this page the admin can add, edit or remove categories from the system.
- Categories are added by uploading a category name / image
- If a user tries to delete a category that has questions in it, they should be shown the list of questions that are in it and given the ability to move them to a different category.

Note: On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Admin - Questions

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/admin/questions.php>

## Description of Pages

- On this page the admin has the ability to add suggested questions that can be used by the Quizmaster who is setting up their quizzes.
- The UI on the bottom of this page is incorrect under the category title should be the name of the category (Not a number)
- If a user tries to edit a question from this page they have the option to change all aspects of it, including moving its category.

Note: On mobile on this page the menu that is showing in the current design should be only opened when the user clicks a hamburger icon in the top left corner

# Quiz Master - Running a Quiz

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/quiz/start-quiz.php>

## Description of Page

This page is where the 'Quizmaster' will run the quiz from.

- As soon as a question is issued and received by a participant, the timer begins (if one is set).
- If a timer has started, the Quizmaster has the option to pause, stop and start the timer again.
- Quizmasters can edit questions questions in real time if they spot a change needed, this brings them back to the round setup and once the edit is made they should have the option to return to this page to continue running the quiz.
- As questions are answered by the participants the answers will be fed into the lower half of this screen (Bottom table).
- Answers should be auto marked where possible and matched with the answers that were inputted during the quizzes setup (however the quizmaster will check and verify if the quiz participants have gotten the quizzes correct or not and then save the scores).
- The quizmaster can issue the answer to the quiz participants when they are ready this will replace the question on the participants device with an answer.
- If the quiz participant has gotten an answer correct, they will be notified on their screen via a small animation / .gif beside their answer. If the answer wrong, the participant will also need to be updated.(This UI has not been completed and will need to be.)
- The leaderboard is updated with scored from this quiz as answers are saved by the quizmaster.

## Notes:

The header on this page need to be changed and should give the user the option for overview, my quizzes, settings & logout.

The scroller for the questions will need to be changed. The updated library has been bought and paid for and can be found [HERE](#)

# Quiz Participant - Playing a Quiz

## Link

<http://phpstack-118154-1329659.cloudwaysapps.com/play/start-quiz.php>

<http://phpstack-118154-1329659.cloudwaysapps.com/play/play-quiz.php>

## Description of Pages

Quiz Participants can access their quizzes by the URL that has been shared by the Quiz Master.

Everything on the screen is controlled by the quiz master barring two items:

- The answers that are being inputted (Once an answer has been selected the participant should see a button that says 'Submit answer')
- Participants should be able to scroll through previous questions (Left and right arrows need to be added) that have already been issued however if an answer has been issued for them they should not be able to edit their answers.

## Note:

Quiz Participants should get some notification (in the form of a .gif when an answer has been issued as to whether they got the question correct or not, this UI will need to be completed)



The End