GENERAL

Due to time constraints it will not be possible to ensure compliance with WCAG or other reference standards, but the following points should be kept in mind:

- structure the page using appropriate HTML tags

- give tags an id or class where this will help clarify their purpose

- pages should be reactive ensuring clarity and ease of use on all devices

- presentation should prioritise usability over decoration; consider GOV.UK design pointers, especially <https://design-system.service.gov.uk/styles/typography/> which aims to ensure the broadest possible audience can use services

- 'clickable' elements should respond to touch input in a predictable way

ROUTES - rough layouts

/login

All elements should be left-aligned with a margin around the top and sides of the page.

Each element has a line to itself. For landscape layouts, a text entry field and its associated label is treated as a single element; for portrait layouts/narrow screens, the text entry field may wrap to the line below the label, with appropriate spacing to ensure it is clear which label applies to it.

[ Consider adding an option to display password while typing. ]

**Sign in with your registered user details.**

Username

Password

**Sign in**

**WEBBISKOOLS LTD QUIZ MANAGER**

/quizzes

The base page structure should be very similar to the login page - margins, alignment etc. Each element is again left-aligned on a line of its own.

Quiz boxes occupy the full internal width even if their titles are short enough not to need it. If the title is too long to fit in this width, the text wraps to as many new lines as are needed to display the full title and the box height increases to accommodate all additional lines.

A 'sign out' link is included near the page title. For users with "Edit" permission there should also be a "Create a new quiz" button (similar to "Create a new question" in the individual quiz view).

A vertical scroll bar should be displayed only when the list of quizzes extends beyond the bottom of the page. This could be the browser's default scroll bar, but it may be preferable to override the default in order to implement the following features:

* The scroll bar should be contained in the margin and its appearance/disappearance should not affect the layout of other elements on the page (this may not be practical for small screens or portrait layout, so the design should be reviewed after manual testing).
* It remains visible at all times when enabled (does not 'fade out' a few seconds after use).
* It should be large enough for easy operation on touchscreen devices and small screens. [ Ideally, users will also be able to scroll by swiping on a touchscreen/using a keyboard. ]
* While scrolling, the page title stays visible; only the list is scrolled.

**Quizzes**

The quizzes currently available in our database are listed below.

Click on a quiz title to view full details for that quiz.

**WEBBISKOOLS LTD QUIZ MANAGER**

**Terry Pratchett's Discworld novels**

**Religious architecture in Medieval/Tudor England**

**Characters of the Marvel Cinematic Universe: publication history prior to and following the theatrical release of "Captain America: The First Avenger"**

[Sign out](-)

/quizzes/{quizId}/{quizTitle}

The appearance should be very similar to the list of quizzes.

This page may or may not contain certain elements based on the logged in user's permission level. Below is the page as it should appear for users with "View" permission.

**Quiz: French language idioms**

Click on a question to show/hide the possible answers.

**WEBBISKOOLS LTD QUIZ MANAGER**

**1. Which of these phrases is the French equivalent of the English "Look before you leap"?**

**2. Select the expression which best translates the French "C'est pas tes oignons":**

A. Don't count your chickens before they've

hatched

B. None of your business

C. Look before you leap

[Sign out](-)

Note particularly the alignment of answer text: the index should be indented in comparison to the question, and any wrapped lines should be indented in comparison to the index [aligned to the start of the answer text on the first line].

The page for "Restricted" users will be the same as for "View" with the following exceptions:

* questions will not be clickable
* text instructing users to click on questions will not be included in the page
* no answers will be included in the page

Note these requirements MUST NOT be implemented by 'hiding' or 'deactivating' elements. Rather, the elements/attributes should not be included in the HTML at all when it is served to the client.

For users with "Edit" permission, additional controls need to be included.

The control to add a new question is at the same level as the title, and is always visible when scrolling down the list.

Controls to edit or delete a question in the list are included within the question box, and are only visible when the box is expanded.

Answers can be edited/deleted as part of the question editing process, so do not need additional controls.

**2. Select the expression which best translates the French "C'est pas tes oignons":**

A. Don't count your chickens before they've

hatched

B. Mind your own business

C. Look before you leap

Click on a question to show/hide the possible answers and the

question editor options.

**Edit question 2**

**Delete question 2**

**1. Which of these phrases is the French equivalent of the English "Look before you leap"?**

**Click here to add a new question**

**Quiz: French language idioms**

Clicking the button to add a question should display a popup for the user to enter the question details:

**Enter the details of your new question below**

Question

Answer 1

Answer 2

Answer 3

Answer 4

Answer 5

Position in quiz (optional)

**Create question**

**Cancel**

While the popup is open it should block all actions on the underlying page.

Position is a spinner, capped at the current length of the quiz plus one and empty by default.

Clicking "Create question" should check whether the question text is empty and display an alert if it is, otherwise send the API an AJAX request to create the question (and answers if there are any) and retrieve the current list of questions and answers. When the updated list is received, the display should be updated and the popup closed.

Selecting the "Delete" option on a question in the list should show an alert asking the user to confirm or cancel the delete action. If confirmed, the page should send the API an AJAX request to apply the deletion and retrieve the current list of questions and answers. When the updated list is received, the display should be updated [until then all editing controls should be deactivated].

Selecting the "Edit" option should hide the question and answer text fields, and show equivalent text input fields, prepopulated with the existing values. Editing takes place within the question box in the list and should have minimal impact on the rest of the display.

Select the expression which best translates the French "C'est pas tes oignons":

Don't count your chickens before they've

hatched

Mind your own business

Look before you leap

**Save changes**

**Discard changes**

[[Delete this answer]](file:///C:\Users\AL\Documents\Coding\quiz-mgr\design\-)

[[Delete this answer]](file:///C:\Users\AL\Documents\Coding\quiz-mgr\design\-)

[[Delete this answer]](file:///C:\Users\AL\Documents\Coding\quiz-mgr\design\-)

Indices are hidden while editing as they will be determined automatically.

Clicking "Discard changes" should show an alert asking the user to confirm or cancel. If confirmed, return the question to reader mode without making any changes; if cancelled, the question remains in edit mode.

Clicking "Save changes" should check whether the question text is empty and display an alert if it is, otherwise send the API an AJAX request with the details in the form and retrieve the current list of questions and answers. When the updated list is received, the display should be updated [until then it should be frozen, with a message overlaid to indicate the save is in progress].

Empty boxes are provided for new answers to be added (up to 5).

Each answer has an associated "delete" link, which clears all text from that input. The link is only visible when there is text in the input field.

[Deleting an answer should cause any answers below it to be moved up one place so as not to leave gaps in the list]