FOO2

Developer's screening tasks

Hello there, fellow developers!

Scenario:

A client has requested a set of modifications to their WordPress website, which is currently using the default **TwentyTwentyFive** theme.

General requirements:

1) **While we don't enforce any specific programming paradigm**, we encourage you to write **modular, well-structured code that is easy to understand, test, and maintain** - please follow what you believe is the most optimal approach to meet those purposes and is compliant with modern industry / WordPress) coding standards and best practices.

2) Please note that this assignment is **not only** about completing the required functionality, but also about **how** you approach the solution.

3) We're especially interested in seeing your decision-making process, code structure, and overall approach to writing clean and robust code.

4) Feel free to briefly document or comment on any decisions or trade-offs you made during implementation.

If any requirement is unclear or missing, feel free to make reasonable assumptions and follow your best judgment to deliver this feature (as often happens in real-world scenarios).

Once you complete all the tasks from the list below, please send your code snippets as quickly as possible.

Good luck!

Task #1

There are some styling changes required, and there is a high chance that there will be a lot more styling changes needed in the future. Where would you insert your custom CSS rules?

Task #2

Load a custom JavaScript located in `assets/js/scripts.js` (file should be loaded in the footer rather than header).

Task #3

Write a code which will add custom post type "Books" with taxonomy "Genre".

Custom post type must have slug "`library`" and translatable labels, Taxonomy must have slug "`book-genre`" and translatable labels.

Task #4

Create custom templates for:

4.1

Single Book page – displays the current Book's title, featured image, genre and publication date.

Additionally, below the main content, display a list of the latest 20 other Books (excluding the one currently being viewed).

Each item in the list should include:

- book title (`name`)
- publication date (`date`)
- genre (`genre`)
- short excerpt (`excerpt`)

The list should be loaded dynamically using **AJAX** and returned in **JSON** format.

4.2.

Genre page (`taxonomy`) – displays list of Books from specific genre (5 books per page, please implement pagination or simple links to show next/previous page)

Task #5

Client asked you to extend native Gutenberg block library, with one additional custom block - in order to display the FAQ section of the website.

As part of this assignment, please create a **custom Gutenberg block** called **FAQ Accordion**.

Requirements:

- The block should allow adding **multiple questions and answers** (FAQ items) - use inner blocks to meet this requirement,
- Each question should be **clickable** to expand or collapse the corresponding answer (accordion behavior),
- Each question should display in numeric order, each number should be added programmatically and be displayed on front-end before the question,

- The content of the questions and answers should be **editable directly within the Gutenberg block editor**,
- Please ensure that FAQ block will be responsive across all desktop and mobile devices
- As a part of this block, there should be an **heading** added above the accordion component, to enable easy customization for title - eg: FAQ, Frequently Asked Questions (or other)
- You can use fonts and SVGs (for chevron / plus icon) of your choice. As for the icons, there should be 2 assets added - eg. arrow up/down, plus icon to open (and minus icon to close).
- Simple design reference to be found below:

FAQ

1. Lorem ipsum dolor sit amet?   ⌄

2. Et harum quidem rerum facilis est et expedita distinctio?   ⌃

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores.

3. Sapiente delectus, ut aut reiciendis voluptatibus maiores?   ⌄