



## Introduction

This is a simple exercise to see how you approach coding WordPress themes and plugins. For this exercise you will have to code the deliverables from scratch, and not use any additional themes, page builders, or plugins aside from WordPress defaults. Feel free to use any code quality tools, task runners, etc. that you are familiar with, and include them in your solution. Once completed, place the solution in a repository on GitHub (if it's a private repository, please provide credentials so that we can clone it). Make sure the solution runs within the specs below, and that it can be easily cloned and run by us (put all required info and files in the repository and send us the applicable credentials). Deliverables to be put in the repository are all files and folder within wp-content folder.

## Important Notes:

Following are Trader's common minimum requirements applicable to both challenges:

- **WordPress theme:** Create your own custom WordPress theme. DO NOT USE ANY STARTER THEME OR BOILERPLATE THEME OR WORDPRESS DEFAULT THEME. Only include bare minimum files that are required for this theme to work.
- **Code Organisation** – All 3rd party codes; libraries must be inside lib folder or use CDN if possible. No unwanted files e.g., IDE files, temporary files should be committed on git-repo. (*Hint: Write a nice. gitignore*)
- **Coding Standard** – Your code must pass the [WordPress coding standards](#). You can use PHP Code Sniffer and JSHint on localhost. Optionally, you can configure [scrutinizer-ci](#) so your code quality can be seen easily.
- **(Optional) Github Readme** – Write a nice Github Readme using markdown syntax. Make sure you include a demo link and links to libraries used in the readme.



### Trader Developer Plugin - Challenge 1

This plugin will test if you are familiar with WordPress metabox functionality. Goal is to create a plugin so that we can display more than one author-name on a post.

#### WordPress Admin-Side:

- Add a custom metabox, labeled “Developers” to WordPress post-editor page.
- This metabox will display list of authors (WordPress users) with a checkbox for each author. DO NOT SHOW USERS FROM ANY OTHER USER TYPE IN THIS FIELD EXCEPT AUTHOR.
- User may tick one or more authors name from the list.
- When post saves, states of checkboxes for author-list in “Developers” box must be saved as well.

#### Front-end:

- At the end of post, display a box called “Developers”.
- It will have list of users checked for that post.
- Show developer names with their Gravatars.
- Developer-names must be clickable and will link to their respective “author” page.

### Trader Slideshow Plugin – Challenge 2

This plugin will test if you are familiar with WordPress shortcodes and plugin creation.

#### WordPress Admin-Side:

- Create an admin-side settings page. This can be a sub menu page in Settings Menu or section within Customizer.
- Provide an interface to add/remove images from the above created settings page.
- (Optional/Bonus) User must be able to change order of uploaded image. (Hint: Use <https://jqueryui.com/sortable/> ).

#### Front-end:

- Create provision for a shortcode like [myawesomecar]
- When you add shortcode [myawesomecar] to any page, it will be replaced by a slideshow of images uploaded from admin-side.
- You can use any jQuery or custom slideshow library.