

Technical assessment for Full Stack Developer/PHP Web Developer

1. Instructions

- a. Applicants should read the case, analyze it and write a basic requirements sheet before developing a feasible solution.
- b. Applicants **MUST** submit the requirements sheet AND the source code in a WordPress plugin installable zip format (any preferred Free plugin that enables export & import)
- c. A simple **one-page** “release note” also needs to be attached with the source code to explain how any end user, without any programming knowledge, can install the solution on to an existing WordPress website
- d. The release note should cover the feature set offered by the solution, compatible WordPress versions, limitations (if any) and technical/business logic assumptions (if any) made during development
- e. Applicants are expected to test the developed solution on a vanilla WordPress install and attach up to 3 screenshots maximum to show how the solution would look like on the front end of the website
- f. The submission deadline for the assessment is **3 days from the date you had received** this assessment sheet. Submissions beyond this timeline shall not be accepted.
- g. Any delays foreseen should be informed upfront to us at least 1 day before the stipulated deadline.

2. Requirements

TechWorms is a popular network of websites that publishes articles every week. Their mobile-responsive blogs currently run on WordPress version 5.3. The creative team at TechWorms analyzed that while their SEO continues to improve, they are not seeing many return users to their sites. To overcome this problem, they are planning to start collecting names and email addresses of visitors to their blog pages, so that visitors can leave their details. The form needs to be basic and unobtrusive – including only a first name, last name and email address field – and having a “slide-in” effect. The collected information should be shown as a table within the WordPress admin area.

Because each of their network of sites has different designs, they want the “slide-in” to be versatile. The icon should be editable with admins able to select any of the Font Awesome icons (<https://fontawesome.com/>), and select their own background and font colour for the form. The only items that are non-negotiable are that:

- a. there must be a reCAPTCHA to prevent spam
- b. the slide-in must show after 10s to every first time visitor on the first page they land but thereafter, it should NOT slide-in automatically for the session, or for a future session for the next 1 day.

You have been hired to develop this custom WordPress plugin from scratch. TechWorms has shared some wireframes of how the slide in could behave, that you can find here: <https://www.dropbox.com/sh/jwosuiofn5i7633/AAD0K6A7qU4iXwq3mhbeJEnza?dl=0>

3. Evaluation Criteria

- a. Proper understanding of the requirements, and adherence to the requirements
- b. Clarity of communicating the requirements
- c. Ease of installation to an end user without programming knowledge
- d. Look and feel of the solution when installed on any WordPress website
- e. Speed of how much can be completed by the candidate within the assessment period without errors.