

WordPress Starter Project

As a small first project to determine how well we can work together, I would like you to update an existing WordPress plugin that we developed with another contractor for [FREE.ed.gov](https://free.ed.gov) last fall. The plugin creates a custom post type for Resources, and then tools to add, import, and manage those resources. It is open source and available on github:

<https://github.com/navnorth/wp-oer>

Original spec for the site and plugin functionality can be found here: [FREE Rebuild Detailed Spec](#)

The goals for these updates:

1. make the plugin more usable for other WordPress sites. It was built quickly with a limited budget and was tied to a theme update at the same time, so little effort was made to make it stand-alone.
2. clean up the code
3. security check

Tasks

- Code Cleanup
 - “Settings” link on the plugin page. There’s already a view for it, but no link on Plugins page. - **30 mins**
 - use WP prefix for all tables (\$wpdb->prefix) - **30 mins**
 - Turn debug on, cleanup any problems (for example, warnings about unset variables) - **this may take some time as I have to trace the code - 4 hrs just an estimate**
- Portability
 - Write ReadMe instructions for setting it up on a new WP instance - **15 mins**
 - Verify it works with multi-site - **not sure how long this will take as I don’t know yet the complexity of making a plugin work in WordPress MU so I leave it open for now.**
 - Decouple the plugin from the theme – for your sample, run it on one of the standard WP themes. Move any necessary functions or templates from theme into the plugin - **not sure what theme functions were used here as I tried the plugin using a Twenty Fourteen and it doesn’t load the resource post I created so I will have to dig into the code for this**
- Security Check
 - Make sure there are no SQL injection vulnerabilities - **will need to check all possibilities of SQL injection here.**
 - Make sure there are no XSS vulnerabilities - **same as SQL injection vulnerabilities**
- Minor Improvements
 - Add a setting for “Enable Screenshots” with default to “off” so that the plugin does not try to take web screenshots when the server is not capable. - **I assume that the screenshot feature is ready in this plugin - 4 hrs - since this needs to be**

saved to the database and be displayed on the settings page. Then, need to check if this setting is set before doing the screenshot routine. I still have to check the code for this to know where to put properly the filter.

- Better search. Should be able to find resources by domain, author/publisher, etc - not sure how the search works from the code yet. Will put timeline once I get to dig deeper into the code
- Date's do not seem to be displaying correctly, or maybe are not imported correctly from the spreadsheet. Should be MM/DD/YYYY - do you have a sample of the import files(ie. resources, categories, standards) I still need to dig the code for this
- localization of text elements - Does this mean having like language files? Or just to be able to put the appropriate label for text elements.

Commented [1]: yes, I would like to change the plugin to use language files