

# Web Development Assignment

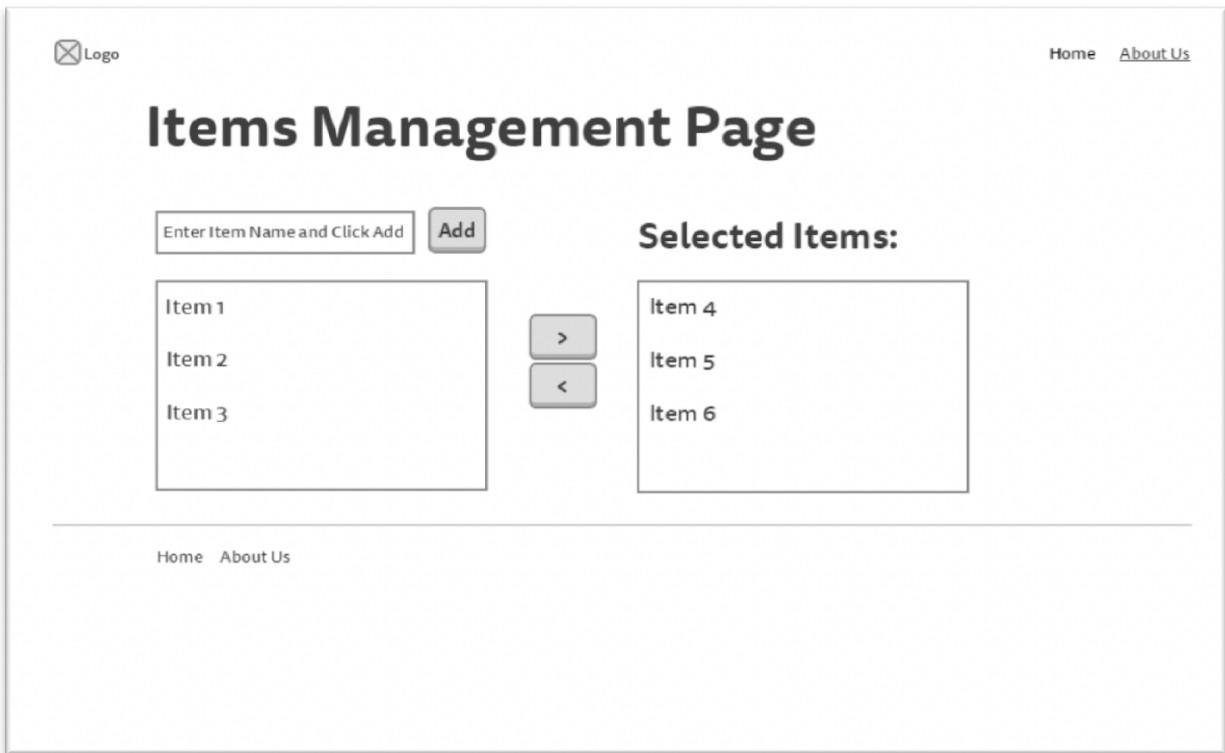
## Overview

This is an important step in the interview process. Try to show us your best code. Feel free to use open source libraries/frameworks but please don't copy and paste code from other sources, the written code must be your own code!

This document describes the requirements in detail. For any other missing details please put your own assumptions and build on that.

## Requirements

- You are required to develop a PHP web application with a single page similar to the screenshot displayed below.
- The web page has a single text box which allows the user to enter some textual input (called the item name). Once the user enters some text and clicks on 'Add' the item will be added to the list below that text box and the input will be cleared.
- Adding the same item isn't allowed.
- The items in the list are selectable. But only one item can be selected at a time.
- If there is an item selected, the '>' button moves the selected item from the list on the left to the list on the right.
- The items in the list on the right are also selectable. And the '<' button moves back the item to the list on the left when clicked.
- The state of the application (the contents of the 2 lists) must be stored in the backend's database (the Postgres or the MySQL database). This means if the web page is reloaded or closed when it's reopened, the user will find the items in both lists as he left them before closing the page.



### Allowed technologies

- Laravel PHP framework (or even just plain PHP).
- For the database Postgres or MySQL must be used.
- Styling: Feel free to use CSS or any of its libraries to style the web page.
- React JS or any Javascript libraries can be used to enhance the user experience of the web page.

### Deliverables

- It's expected that you'll deliver the full source code of the assignment with detailed steps on how to run it to make it fully functional.
- The project files should be pushed on github.
- It's better to deliver something which has less features working 100% correctly than writing incomplete code for all features.