

## WCFT – Coding Challenge

The challenge is to create a simple form which can be filled in and depending on the responses will then calculate a total score. This will then feed into another view where an “admin” can view, edit and delete the completed form.

The above will need to be completed using the following technologies as a minimum:

1. Latest version of PHP (no framework)
2. jQuery
3. Bootstrap
4. MSSQL (Express version can be used, use of stored procedures)
5. GIT (a localised repository showing your commits as you develop)
6. IIS as the web server

Please include a README on how to set up and run the application, and also document any decisions you made to support your development choices.

### Form Requirements

- Form Title: Neuromodulation
- Panel/Card to contain patient details called: Patient Details
  - Inputs for: First name, Surname, Date of Birth, Age
- Panel/Card to contain questions called: Brief Pain Inventory (BPI)
- Questions (First question scores 0-100, all other questions 0-10)
  - How much relief have pain treatments or medications **FROM THIS CLINIC** provided?
  - Please rate your pain based on the number that best describes your pain at it's **WORST** in the past week.
  - Please rate your pain based on the number that best describes your pain at it's **LEAST** in the past week.
  - Please rate your pain based on the number that best describes your pain on the **Average**.
  - Please rate your pain based on the number that best describes your pain that tells how much pain you have **RIGHT NOW**.
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: General Activity.
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: Mood.
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: Walking ability.
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: Normal work (includes work both outside the home and housework).
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: Relationships with other people.
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: Sleep.
  - Based on the number that best describes how during the past week pain has **INTERFERED** with your: Enjoyment of life.
- Panel/Card called: Total Score

- This is to have an automatic score based on what number the patient selected for all questions where the scoring is **0 – 10 only**.

### Admin View

This view will need to be a table which will contain all the forms that have been completed. The table will need to have the following columns.

- Date of submission
- First Name
- Surname
- Age
- Date of Birth
- Total Score

When clicking on a row this should open the form in a read-only view where the admin can see the patient's responses. At the bottom there should be an edit and a delete button.

The edit button will allow the admin to amend the patient's responses, the delete button will remove the form entry.

### Optional functionality

The requirements listed below are optional improvements that can be added, these are not required but can be done if you want to further showcase your experience.

- Filtering and sorting of data
- User friendly design
- Calculate the age based on Date of Birth