Mobile Wave Solutions

PHP task

WE ARE HAPPY TO ADVISE THAT YOU HAVE REACHED THE NEXT PHASE OF
THE INTERVIEW AT MWS, FOR WHICH WE CONGRATULATE YOU.
FOR THE NEXT PHASE, WE WOULD LIKE TO GIVE YOU THE OPPORTUNITY
TO DEMONSTRATE YOUR SKILLS AND KNOWLEDGE, BY CARRYING OUT THE
FOLLOWING TASK.

1. Create a web questionnaire application with server based on PHP.

> **Question:**
> (*) answer 1
> ( ) answer 2
> ( ) answer …
> [Next]

- Technology:
    › PHP, CSS, JS, HTML
    › MySQL/Mongo/some form of DB implementation
    › API Rest/SOAP
- Mandatory functionality
    › Use sessions
    › Show one or a set of questions with a list of possible answers for each question
    › Implement questions with multiple choices (tip: you may use checkboxes)
    › Use GET and POST
    › Implement changing the answers for previously answered questions (if there are multiple questions)
    › Show summary on submission (Something like Question: 1, Answer: 3)

- **Optional functionality**
  - › OOP Architecture

  Use classes and namespaces with proper usage of member and function visibility, and inheritance
  - › Back-end API (Rest/SOAP)

  Handle all user and questionnaire CRUD operations (Create, Read, Update, Delete)
  - › Client-side rendering (React/jQuery)

  Move all HTML rendering to the browser in order to have pure server API
  - › Implement statistical page for all answered questionnaires (For example: Question 1, Answer 1 - 56%, Answer 2 - 10% and so on…)
  - › Use HTML5, CSS3, SASS/LESS
  - › Login and user profile

  Provide user profile API functionality and Pages.

  Maintain user uniqueness and personal data security (encrypted/hashed password)
  - › Data persistence (SQL/No-SQL)

  Store user profile and questionnaire data in server DB.

  Also keep a log of all operations done by the users.

* Please send the task as a zip file by email, which should include all necessary files to start the application.

We look forward to seeing your work!

Good Luck