**WSERS 2 exam**

**Time allowed: 100 minutes.**

**Total points: 36 points**

Competence 2: Building websites with databases

Competence 4: Writing COMPLEX PHP scripts.

You are provided with a database creation script that you must use. In this database, you have two tables: Countries and People. The model of the database is the following:

Diagram

Description automatically generated

Create a select list with countries from the database. Add one extra option in the select list – “No country selected”.

**4 pts**

Create a session variable to store the currently selected country – by default its value must match the “No country selected” option.

**4 pts**

Force the country select box to use the previously chosen option – by using and storing the chosen country in the created session variable.

**4 pts**

Check what the user gives you for the country selection. If he gave you something that is NOT in the database – you must stop the execution and display and error.

**4 pts**

When a country is selected:

Display all cities that belong to the selected country in a table with the heading:

**City name Population**

**4 pts**

The total number of inhabitants (of the selected country) must be displayed after the table.

**4 pts**

Add a filter (input and button) to only display cities that have a population smaller than a given number of individuals.

**6 pts**

Allow the user to UPDATE the population of each city.

**6 pts**