**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 Cities. The SQL creation script is provided to you. It will create the two tables as well as insert some initial data.

Create one single webpage that will allow any user to do the following tasks:

* Add a country in the database. 6 points
* Add a city to a selected country in the database. 6 points
* Delete a selected city from the database. Beware of hackers! 6 points
* When it is possible, delete a country from the database (same as above). 6 points
* View cities and filter them by countries. 6 points

For the last 6 points, your page must store the last selected country (from either deleting a city OR viewing the cities filtered) in a session variable and ALWAYS use this variable (when it exists) as the selected option in the two given select lists of countries.

**The sample result is displayed on the projector.**

**When you are finished, you must ask to have your interned connection opened such that you can submit your php file in the Teams assignment.**

Good luck!