

## **Marking lab in week 5**

**The solutions for this lab should be submitted in Moodle by 04/04/2025 11.30pm (Friday week 5)**

### **Task 1. (8 marks)**

Design a registration website. Use a web form with different HTML elements to design the user interface. The user should enter:

- Name and Surname (string, up to 50 characters)
- Age (integer)
- Mobile number (10 digits - 04XXXXXXXX)
- Short bio (up to 200 words)
- Email (standard email address)
- Password (strong password to be used)

After pressing the “Register” button, the values of the input fields (form data) need to be validated.

- If some of the data is missing or is not according to the required format, the message for incorrect data and asking the user to re-enter the data should be displayed;
- If all data is correct, a message for the registration should be displayed on the web (“Dear *Name and Surname*, you are registered with your email address *Email*”).

### **Note:**

- Validation needs to be done on the server side.
- All fields are required.
- A strong password must have at least one number, one lowercase letter, one uppercase letter, at least one special character (that is not a letter or number), and no spaces. The password should be between 8 and 16 characters long.

**Two solutions for this task need to be created. The first solution should have separate files: one to display the form and a separate script for data processing; the second solution should be All-in-One form.**