**CGL - Software Developer – Practical Exam**

**Overall Information**

For this task, you are required to create a basic user form with Angular, which will collect the data upon clicking the “submit” button, send it to the back-end service, and save it in the database.

**Technical specifications**

**Front-End**

Technology – Angular

Overall UI look and feel –

Use the Instagram signup form as a **reference** for the look-and-feel of your form (I.E. colors, background colors, spacings, sizing, button colors, borders). Check the following link from **desktop** browser (in mobile there’s a redirect) : <https://www.instagram.com/accounts/emailsignup/>

Responsiveness -

a) desktop resolution - each row should contain 2 input fields. Here’s a diagram for desktop resolution placement:

Graphical user interface

Description automatically generated with medium confidence

b) mobile resolution (max-width: 600px) - use the 1-input-per-line structure as in the URL above (Instagram sign up).

UI Elements -

a) Title (set any text you want)

b) Instruction to feel the form (set any text you want)

c) Fields:  
 Name – text input field  
 validators: not blank. Only English text characters are allowed.

Email – text input field  
 validators: not blank. Email structure is correct.

Country – Drop-down list  
 entries: should populated from back-end countries controller.  
 validators: selection is not null/blank.

Phone – text input field  
 Validators: minimum length is 8 characters. Only numbers, “+”, and “-“ are allowed.

d) Submit button – a button, with “submit” text inside.

UI elements with functionality -

a) Country dropdown list –

Once the selection changes, the system will check whether the “Phone” text input is not empty.

b) Submit button –

when clicked, all validators should be activated, and the error messages displayed per each invalid field (if exist).

If the form is valid, then:

I) Form data should be sent to the relevant back-end controller.

II) All input fields to be cleaned.

III) a popup message with the word “success” should appear. The popup should disappear once clicked/tapped anywhere on the screen, so the user can repopulate the form again.

**Back-End**

Send request with all parameter to

www.{willProvide later}/LeadCollector/InsertLeadEN?EMAIL=VovaTestNewAff4@vova.com&phone=972520688600&firstname=testName&country=israel