



***Front-end Framework Angular***

# **Training Assignment**

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## Day 10. Unit 8: Forms

### Objectives:

- Understand Angular Forms
- Able to add Validations to Angular Forms
- Able to add field dynamically using Reactive Forms

### Requirements:

#### Template-driven Form:

Create a contact form like figure below:

A contact form template with a light gray background. At the top, the title "Contact us" is centered in a dark gray font. Below the title, there are four input fields arranged vertically. Each field has a label to its left: "Name", "Your E-mail", "Your Phone", and "Your message". The "Name" field has a placeholder "Your name". The "Your E-mail" field has a placeholder "Your email". The "Your Phone" field has a placeholder "Your phone". The "Your message" field is a larger text area with a placeholder "Please enter your message here...". At the bottom right of the form, there is a blue "Submit" button.

Each input field must have Validation to inform user.

Required field: Name, Email, Phone, Message

Email field must be valid email address

Phone field must be valid phone number

### **Reactive Form**

Re-create the above form using Reactive Form, this time user have ability to add more email, phone

The image shows a contact form titled "Contact us". It contains the following elements:

- Name:** A single text input field with the placeholder text "Your name".
- Your E-mail:** Two stacked text input fields with placeholder text "Your email 1" and "Your email 2". To the right of these fields is a blue "Add" button.
- Your Phone:** Two stacked text input fields with placeholder text "Your phone 1" and "Your phone 2". To the right of these fields is a blue "Add" button.
- Your message:** A large text area with the placeholder text "Please enter your message here...".
- Submit:** A large blue button at the bottom right of the form.

### **Technical Requirements:**

- Must use Angular Framework
- Must use Angular Forms, Validations
- Must use Bootstrap 4 as CSS Framework