Pak-Austria
Fachhochschule Institute of
Applied Sciences and
Technology, Haripur
LAB 02 - FALL 2024

Class:	BSSE-F22 Green		Date:	31/01/2025
Subject:	Web Engineering		Instructor:	MR Umar Farooq
Time Allowed:	2 hr 30 min.		Lab Engineer:	Khizar Hayat

Instructions:

You are required to complete the following lab task individually. **Plagiarism or copying from other students is strictly prohibited.** Ensure that your work is original and reflects your understanding of the task.

Task Description
Title: **Create a Multi-Purpose Survey Form**

Objective:

Create a **survey form** that includes all types of HTML form elements. The form should collect a variety of data from users, such as personal information, preferences, and feedback

Part 1: Basic Form Structure
1. Create an HTML file named survey_form.html.
2. Use the <form> element with the following attributes:
   o action="/submit-survey" (placeholder URL).
   o method="POST".

Part 2: Include All Form Input Types

Your form must include the following input types:

Section 1: Personal Information
1. **Text Input**
   - Field: Full Name
2. **Email Input**
   - Field: Email Address
3. **Password Input**
   - Field: Create a Password
4. **Number Input**
   - Field: Age
5. **Date Input**
   - Field: Date of Birth
6. **Tel Input**
   - Field: Phone Number

Section 2: Preferences
7. **Radio Buttons**
   - Field: Gender
   - Options: Male, Female, Other
8. **Checkboxes**
   - Field: Hobbies
   - Options: Reading, Sports, Traveling, Coding, Cooking
9. **Dropdown Menu**
   - Field: Favorite Color
   - Options: Red, Blue, Green, Yellow
   - Attributes: <select> and <option>.
10. **Range Input**
   - Field: Rate Your Happiness (1 to 10)

Section 3: Feedback
11. **Textarea**
   - Field: Additional Comments
12. **File Upload**
   - Field: Upload a Profile Picture
13. **Hidden Input**
   - Field: User ID

Section 4: Buttons
14. **Submit Button**
15. **Reset Button**

Part 3: Add Labels and Accessibility
1. Use the <label> element for each input field.
2. Add placeholders to each text field
3. Ensure the for attribute in <label> matches the id of the corresponding input field.

Part 4: Add Validation

1. Use HTML5 validation attributes:

o required: Ensure all mandatory fields are filled.

o pattern: Validate the phone number field (use a regex pattern like [0-9]{10}).

o min and max: For the age and range inputs.