



WEEK 12 LABORATORY ACTIVITY

NAME:			
STUDENT NO:		SCORE	PERCENTAGE
YEAR/SECTION:			
DATE:			

**Laboratory Activity — IMPLEMENT DATA VALIDATION IN MVC (.NET / C#)**  
**Prerequisites:** Visual Studio with ASP.NET MVC template (or ASP.NET Core MVC), basic knowledge of MVC (models, views, controllers), NuGet packages for client validation (usually included).  
**Source:** IPT102-Week-12 slides.

- Step 7 — Test cases (students should run)**
- 1. Submit empty form → expect Student name is required. and Age is required. (client-side when JS enabled; server-side always).

### Add New Student

**Full Name**

Enter student's full name

Student Name is required

**Age**

Enter age (10-20)

Age is required

**Email Address**

student@example.com

Email is required

Cancel

Save Student

- 2.
- 3. Age = 8 → expect Age must be between 10 and 20.



Add New Student

Full Name

Enter student's full name

Student Name is required

Age

8

Please enter a value greater than or equal to 10.

Email Address

student@example.com

Email is required

Cancel Save Student

- 4. Age = 25 → expect range error.
- 5. StudentName = 200-character string → expect string-length error.

Add New Student

Full Name

missions, scholarship applications, exams, and as separate as... Essay Writing Service Show all

Student Name cannot exceed 200 characters

Age

Enter age (10-20)

Email Address

student@example.com

Cancel Save Student

- 6.
- 7. StudentName = "12345" → expect custom IValidatableObject error: Student name cannot be only numbers.



Add New Student

Full Name

12312

Student name cannot be numeric only

Age

Enter age (10-20)

Age is required

Email Address

student@example.com

Email is required

Cancel

Save Student

8. Remote validation (if implemented): duplicate name → remote error shows without full postback.

Add New Student

Full Name

jhayron

This name is already taken

Age

Enter age (10-20)

Age is required

Email Address

student@example.com

Email is required

Cancel

Save Student