



# QUEZON CITY UNIVERSITY

COLLEGE OF COMPUTER STUDIES

INFORMATION TECHNOLOGY



## IPT102 – INTEGRATIVE PROGRAMMING AND TECHNOLOGIES

### WEEK 12 LABORATORY ACTIVITY

NAME:

STUDENT NO:

YEAR/SECTION:

DATE:

SCORE

PERCENTAGE

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#### 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

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



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## 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

nissions, 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.



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## 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