**Source Control, Data Annotation, Error Handling and Nugget Packages Practical Assignment**

**Time Limit: 2 week**

**Deadline: 22nd Dec, 2020, 6 pm**

**1) Create Login, Registration and Display a simple Dashboard page with detail of User after**

**Successfully login or register**

**2) Mapped created project in Git with below operations:**

2.1) Commit and Push

2.2) Fetch and Pull

2.3) Undo

2.4) Merge

2.5) Resolved Conflicts

**3) Data Annotation and Validations**

**3.1) Server-side validations with validator attributes:**

3.1.1) Range

3.1.2) Regular Expression

3.1.3) Required

3.1.4) String Length

3.1.5) File Extension

3.1.6) Custom Validation

3.1.7) Phone

**3.2) Client-side validations using jQuery**

* + 1. Configuration in MVC project
    2. Default validations
    3. Custom validations
    4. Methods

**Validation with Messages & Summary:**

* + 1. Validation Summary
    2. ValidationMessageFor
    3. Validation Message

3.2.8) Client-side validations

**4) Manage Nugget packages of NewtonsoftJSON**

**5) Exception Handling & Logging**

Log4net (Logging in text file + logging in SQL database)

**OR**

Nlog (Logging in text file + logging in SQL database)