## Tutorial 3: Front-End Frameworks [Individual Deliverable]

### Learning Outcomes:

- Familiarize yourself with the Front-End framework/library of your choice (i.e., the one you have decided to use for your project).

- Understand the general flow within the framework/library.

- Work individually to create a simple interactive site.

### Instructions:

- Working by yourself:

  - **Choose** one of the **Adventure Options** for **Tutorial 3**. You will be using your framework of choice to complete this tutorial.

  - **Create** 2 pages: Profile Registration and profile page.

  - **Registration page** - Create a form to register a user. The form should have the following fields:

    1. **Firstname** - Accepting only alpha-numeric characters.
    2. **Lastname** - Accepting only alpha-numeric characters.
    3. **Email** - Valid Email format (e,g, [jon_snow@westeros.com](mailto:jon_snow@westeros.com))
    4. **Password** - Accepting alpha-numeric and special characters. Minimum limit is 8 characters.
    5. **Confirm Password** - Same as password and should match with the password field.
    6. **Submit**/**Register** button.

  - **The form should perform proper frontend validations with the requirements mentioned above.**
  - **Profile page** - User should be redirected to this page on successful validation. Show basic profile details like Firstname, Lastname and Email (Dummy text is accepted)

# Submission Guidelines

Your tutorial must be submitted through **Brightspace (i.e., README file), GIT and be remotely accessible.**

**To submit your work to Brightspace:**

- Create a README.txt or README.md file, follow the guidelines specified in the README template provided through Brightspace

  - Rename your README file to match naming conventions specified in the Course Syllabus (**FName_LName_README.txt** or **FName_LName_README.md**).

  - **Include** the link to your repository and the deployed application.

  *Note: Your README file should include your name, GIT repository link, deployment link, and any code references. Failure to submit a README file and/or not include a link to your deployed application will result in a grade of 0.*

- Ensure you submit your work by the **due date specified on Brightspace**.

**To submit your work to GitHub or FCS GitLab:**

- Push your code to a new git repository and deploy the application to Heroku or any other deployment platform of your choice.

  *Note: Make sure that the deployment link you include in your README file matches the deployment link for this tutorial. Your GIT repository must be individual and private and be accessible to the Instructor and Teaching Assistants.*

- Name your repository using the following naming convention: **FName-LName-csci####** (All lowercase).

- Create a README.txt or README.md file, follow the guidelines specified in the README template provided through Brightspace, and naming conventions specified in the Course Syllabus

**Marking Rubric:**

As this tutorial is a programming tutorial, the following grading criteria will be used for marking your tutorial:

- Creating a tutorial3 repository **[0.5 point]**

  - **Ensure** your repo is set to **private**

- Adding the Course Instructor and Teaching Assistants as maintainers **[0.5 point]**

    *Note: See Tutorial 2 handout for Instructor and Teaching Assistants' GitHub and FCS GitLab account information.*

- Tutorial includes Registration page with proper validations **[6 points]**

- Tutorial redirects to Profile page on proper validation from registration page **[2 points]**

- Tutorial is remotely accessible (on Heroku/ AWS) **[1 point]**

  - **Ensure a link to your application is included in your README file**