INET 2005 LAB 8

**Web Application Development I**

# Preliminary Steps

### Pre-Requisite Labs: Lab 7 (Required)

Lab 6 (Suggested)

### Step 1: Have the INET2005 Virtual Machine running.

### Step 2: Make sure the project is added and committed/pushed to your Github repository.

# Overview

In this lab, you will continue with your Projects application. You will continue to write your code for this Lab in the Lab 7B project that you started in the previous lab.

# Instructions

1. Complete the following videos from the tutorial series “Laravel 5.7 From Scratch” at the following link: <https://laracasts.com/series/laravel-from-scratch-2018>

**IMPORTANT: Be sure to commit and push after completion of each and every video so that you have a commit and push history to be checked by your instructor.**

**Perform the steps in all Section 3 Videos except videos 19 and 20. These are optional.**

* + SECTION 3 – BEYOND THE BASICS
    1. Continue coding the steps created in the videos. Do this for videos
    2. At the end of these videos you should be able to demonstrate the following:
       1. Route Model Binding for the create/edit/show/destroy actions in the Projects controller. (Video 14)
       2. Mass assignment settings in the Project model. (Video 14)
       3. Application of validation for your controller actions that accept data from the user. (for the *store* and *update* actions) (Video 15)
       4. Display of any validation errors. (Video 15)
       5. Creation of a tasks table as outlined in the video. (Video 16)
       6. Display of any tasks belonging to a particular Project. (Video 16)
       7. Ability to mark tasks as complete with checkbox. (ProjectTasksController) (Video 17)
       8. Ability to add a new task to a project with validation with gloval *errors* include (Video 18)

**Do not simply follow through the tutorials mindlessly. These serve not only to introduce you to Laravel, but also to demonstrate and explain concepts such as routing, MVC, and RESTful architectures, which are critical to building modern web applications in a variety of platforms.**

# References

*Laravel 5 From Scratch.* (n.d.). Laracasts. Retrieved October 28th, 2019, from https://laracasts.com/series/laravel-from-scratch-2018