**Information about the framework.**

I will be using Codeigniter for my application this month. Rick Ellis at

EllisLab created Codeigniter in 2006. Codeigniter is a Lightweight MVC

(Model View Controller) framework that works quickly, but is also full of

interesting and useful features. Codeigniter’s slim file size (2.2MB) can also

be expanded with a variety of plugins. Codeigniter gives clean URL’s that

are easy to read for both the developer and the user. Some of the features

that will be the most helpful are Codeigniter’s security, form and data

validation, data encryption, and error logging.

**Why you have selected this framework?**

I chose this framework for several reasons, but the first is that I wanted to

continue working with PHP. I found Codeigniter to be a relatively easy to

use framework that is appropriate for many skill levels. Several features that

come with Codeigniter will be incredibly helpful when I start working on

my site including security, form and data validation, data encryption, and

error logging. The documentation was also a big selling point when I was

selecting a framework. Along with the extensive documentation provided

from Codeigniter itself I have also been able to find many other websites

with walkthroughs and videos. Many of which are intended for new

inexperienced users. Codeigniter is also widely used in the industry in a

wide variety of websites and application.

**What are you planning to develop and how this framework will help you achieve this goal.**

I am planning on building a news site with content written by everyday

people. The idea is much like Hacker News but with a better platform and

the ability to search by topics. I plan on having it so that non-members can

read any of the articles, but wont be able to write comments, like articles or

save favorite writers. Members will be able to write and edit there articles,

comment on others works, like articles, and set up a profile page with a

profile picture and an about section. The news stories will be listed top to

bottom based off of user input and the age of the story. This method will

likely lead to some initial problems with the headline changing constantly,

but will quickly sort itself out as users continue to use the site. The routing

system in Codeigniter is likely going to be a large part of how this website is

going to work. Also, the fact that Codeigniter is based off of the idea of

working with your PHP code as opposed to forcing you to conform to how

they want you to write code will be very helpful with achieving my goal in

the limited amount of time given.

**List websites containing tutorials, documentation, and blogs of this framework.**

This is a list of some of the website I have found that will help me to finish

my project.

<http://www.revillweb.com/tutorials/codeigniter-tutorial-learn-codeigniter-in-40-minutes/>

<https://www.digitalocean.com/community/tutorials/codeigniter-getting-started-with-a-simple-example>

<http://codesamplez.com/codeigniter-tutorials>

<https://www.youtube.com/watch?v=9hRNFgSLLAQ>

**List websites built by this framework.**

This is a list of some of the website I have found built with the help of

Codeigniter.

<http://mg.co.za>

<http://tomwelshbuilder.net>

<http://www.portaimprese.it>

<https://bufferapp.com>

<http://magento.com>