

python/flask week 4 IP

[Start Assignment](#)

Due	No due date	Points	23	Submitting	a text entry box or a website url
------------	-------------	---------------	----	-------------------	-----------------------------------

Goal

The purpose of this independent project is to demonstrate your understanding of the content you covered throughout the week.

Overall Project Description

The past few weeks have proven that you can learn anything. And a great way to solidify your knowledge is to teach it to other people. There is no better way to express your ideas and opinions than with a personal blog.

Your task for this week is to create a personal blogging website where you can create and share your opinions and other users can read and comment on them. Additionally, add a feature that displays random quotes to inspire your users.

Use this api endpoint to help you display the random quotes.

<http://quotes.stormconsultancy.co.uk/random.json>

(<http://quotes.stormconsultancy.co.uk/random.json>).

User story

1. As a user, I would like to view the blog posts on the site
2. As a user, I would like to comment on blog posts
3. As a user, I would like to view the most recent posts
4. As a user, I would like to an email alert when a new post is made by joining a subscription.
5. As a user, I would like to see random quotes on the site
6. As a writer, I would like to sign in to the blog.
7. As a writer, I would also like to create a blog from the application.
8. As a writer, I would like to delete comments that I find insulting or degrading.
9. As a writer, I would like to update or delete blogs I have created.

UI Design

Your application should have a clean, simple, well-organized user interface. Ensure you choose a consistent colour scheme and use appropriate fonts for your application. Also, you **MUST** create a mockup design for your application before you begin development.

You can use the following resources to design your application:

1. Pen and Paper - For Mockup design.
2. [Bootstrap](http://getbootstrap.com/) [_\(http://getbootstrap.com/\)](http://getbootstrap.com/) - For simple responsive UI elements
3. [Coolors](https://coolors.co/) [_\(https://coolors.co/\)](https://coolors.co/) - For Color scheme generation.
4. [Google fonts](https://dillinger.io/fonts.google.com) [_\(https://dillinger.io/fonts.google.com\)](https://dillinger.io/fonts.google.com) - For beautiful fonts

Project Objectives

1. Your project should have a functioning authentication system
2. Your project should contain migration files for the different model structure
3. Your project must have a user model
4. Your project should consume a quotes API
5. Your project should have a comment model
6. Your project should have a profile page.

Technical Requirements

1. Create a specs markdown file that lists down all the projects specifications.
2. All your models should contain unit tests to test the different behaviours. All your test should pass.
3. Your project should follow the proper folder structure.
4. Your project should be deployed to Heroku.
5. Your project should contain proper commit messages.