CS/VT 4990: Advanced Web Development with Django

Assignment: Django Blog

Objectives

Build on what you’ve learned from the Django Tutorial and the Portfolio Website and develop a blog app to go along with your portfolio and polls app.

In this lesson you’ll learn:

- How to create your own template tags
- How to extend a base template
- How to use a foreign key to the django.contrib.auth.User model
- How to handle form input

What your program must have

- Template Tag for showing most recent blog posts
- A blog is a collection of posts. At a minimum it should have:
  - A Post model that consists of, at a minimum
    - title
    - body
    - published date
    - active or inactive
    - user who wrote the blog (foreign key to the django.contrib.auth.User object)
  - A view showing 10 blog posts per page
  - A view showing a detailed blog post
  - Let people leave comments on a blog post (form submission)
- Possible Extras
  - Blog Categories (or tags) and blog category detail view (view all blog posts in this category)
  - A search function for all blog posts