

Flask Framework for Python Developers, Part 3 of 3: Create an Application

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Meet the expert: Jorge Escobar is an engineer at FINDMINE. In addition to being a consultant and working with companies like MongoDB, Venmo and Knewton he also has a passion for teaching and is an instructor for Stone River eLearning

Prerequisites:

- A computer with internet access (optional: administrative access to install packages)
- A basic understanding of the Python language
- A basic understanding of how to use the internet and text editors

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Course description: Flask is the most popular python web framework and you'll learn how to make a Flask application in this course. The topics covered are: making your app look better, form validation, blog model, a login decorator as well as images and posting.

Course outline:

Create Author App

- Introduction
- Flogger A Simple Flask Blog
- Initial Application Setup
- Initial Application Setup on PythonAnywhere
- Our Application Libraries
- Core Application
- Setting Up The Database
- Creating the Author App
- Author Model
- Author Model Migration
- Testing Author Model in the Shell
- Summary

- Author Session
- Logging Out the Author
- Flash Messages
- Unit Testing the Author App
- Login Tests
- Nav Bar
- Summary

Blog Category Model

- Introduction
- Blog and Category Model
- Blog Post Form
- Blog Post Template View
- Blog Post View DB Processing
- Summary

Author Registration Form

- Introduction
- The Author Registration Form
- The Author Registration Template
- Author Form Validation
- Summary

Login Decorator

- Introduction
- Login Decorator
- Blog Article and Markdown
- Blog Post Tests
- Blog Home Page
- Summary

Better Looking App

- Introduction
- A Better Looking Application
- Processing the Author Registration Form
- Checking the Record Creation on the Database
- Using PDB
- Summary

Images and Posts

- Introduction
- Uploading Images
- Editing Posts
- Deleting Posts
- Blog Tags
- Filter by Category or Tags
- Final Project
- Summary

Form Validation

- Introduction
- Custom Form Validators
- Author Login
- Check Login Credentials