
Web Application using Python-Flask

Activity 1 / SWE Lab / 2022-2023 Winter

Objective

Develop a simple web application following the tutorial

Learn something

Learn how to follow instructions online

Search [focused]

Make Educated Choices [and live with it]

<https://www.digitalocean.com/community/tutorials/how-to-make-a-web-application-using-flask-in-python-3>

A Simple Blog - What it looks like

- The web application should display all the posts titles in the database.
- On clicking the title it should show the content.
- Enable editing the posts.



Tools: Flask & SQLite



- Flask is a web framework
- Flask is a python module which helps in developing web application easier
- SQLite is the database engine you will use for storing the posts.



Steps involved

- Install Flask
 - Create a base application
 - Use HTML templates
 - Setup the database
 - Host it in any cloud
 - Ensure functionality
-

How to proceed?

Teams

Read, Discuss, Work together

Individual Responsibility - Collective Achievement

One mark for all - You are responsible for the team

Quick clarification session - **Thursday ? [ELHC 402/403]**

Evaluations

Next Lab Session

Need to bring a laptop with charge backup for 2 hours

Need to have hotspot option for net connectivity

Evaluate your “ownership” of the work

Eduserver Enrollment Code

nghw5t

For Today - 3 Marks - Activity 0

Team-wise - One submission per team

Compare the “free” / “trial” options for cloud hosting

Make a choice of the one you plan to go for in A1

Provide a comparison table of the top 3 options you looked at and the reason for your choice at this point

1 page - Write the names of **ONLY** those who are present today

Submit it to

Reshma Roy at 11.30AM [one from a team]

Anagha Chand at 4.30PM [one from a team]
