

Flask: Lab Assignment

30 marks

Instructions

- Implementing the CSS and Javascript for this assignment is optional.
- You must handle a POST request for this assignment. Do not use temporary variables to store the form inputs and show the results. We will test your POST request endpoint with API calls using Postman.
- You can make assumptions in case of ambiguity, but clearly state them in a Readme file.

Tasks

1. You need to implement a simple registration page with the following requirements:
(10 marks)
 - The root page should contain a form that asks for the user's **name**, **email**, and **password** using text input fields. There should be a **submit** button to submit the form.
 - When the submit button is clicked, a **POST** request should be sent to the Flask server.
2. You should handle the POST request with the following requirements:
 - Append the registration details of the particular user in a file named **users.txt** in JSON format. **(5 marks)**
 - Display the registration details of the particular user in a new route. **(10 marks)**
3. You should also handle **GET** request, which will retrieve all the registration details from the "users.txt" file. **(5 marks)**

Directory Structure

```
.
├── app.py
├── static
│   └── static files ...
├── templates
│   └── html template files ...
└── users.txt
```