

**NOTE TAKING APP**



**Issues and Solutions**

1. **HTML Form Submission:**

* **Issue:** The form in the HTML file lacks an action attribute.
* **Solution:** Add action attribute to the form tag and specify the URL to which the form data should be submitted.
* **Approach:** Update the <form> tag in the HTML file to include the action attribute, pointing to the root URL where the form data should be submitted.



1. **Flask Route Method:**

* **Issue:** In the Flask route definition, the method specified is “POST”, but the form submission method is not set explicitly.
* **Solution:** Set the ‘method’ attribute of the form tag to “POST” to match the route definition in Flask.
* **Approach:** Update the ‘method’ attribute of the <form> tag in the HTML file to “POST”.



1. **Retrieving Form Data:**

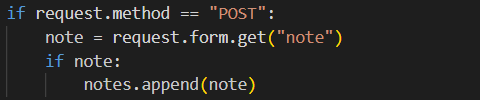
* **Issue:** In the Flask route function, the attempt to retrieve form data is incorrect.
* **Solution:** Modify the route function to use ‘request.form.get(“note”)’ to retrieve the note from the form data.
* **Approach:** Change ‘request.args.get(“note”)’ to ‘request.form.get(“note”)’ in the Flask route function.

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1. **Error Handling:**

* **Issue:** There's no error handling for cases where the note parameter is not provided or is empty.
* **Solution:** Implement error handling to handle cases where form data is missing or invalid, providing appropriate feedback to the user.
* **Approach:** Check if the note parameter is None or empty, and handle the error accordingly.



1. **GET and POST:**

* **Issue:** The route decorator restricts the route to only handle POST requests, but the HTML form defaults to GET submissions. Thus, the route doesn't respond to form submissions.
* **Solution:** Modify the decorator to allow both GET and POST requests. Adjust the route function to process both GET (for rendering the form) and POST (for form submission) requests.
* **Approach:** Change methods=["POST"] to methods=[“GET”, “POST”]. In the route function, differentiate between GET and POST requests and handle them accordingly.

