

Bug Report and Resolution

Bug 1: Method Not Allowed (405 Error)

Description:

GET is used for retrieving data, and POST is used for submitting data. GET appends data to the URL, while POST sends data in the request body. GET requests are generally more visible and cacheable, while POST requests are more secure for sensitive information. The Flask application was configured to handle 'POST' requests, but a 'GET' request was made, resulting in a "405 Method Not Allowed" error.

Approach:

Updated the HTML form to use the 'POST' method by adding `method="post"` to the `<form>` tag.

Modified the Flask route to handle both 'GET' and 'POST' requests using `methods=["GET", "POST"]`.

Changed `request.args.get("note")` to `request.form.get("note")` to correctly retrieve the note from the 'POST' request.

Bug 2: HTML Form Action Attribute

Description:

The HTML form did not specify an action attribute, causing it to default to an empty string. Since the action attribute is not specified, the form will submit to the current URL by default. If you want to specify a different URL or endpoint for form submission, you would include the action attribute with the desired URL value.

Approach:

Added `action="/"` to the form tag, specifying the route to which the form data should be submitted.