**Bug Report and Resolution for Note Taking Application**

1. Bug: Form in home.html is missing the method attribute.

Resolution: Added method="POST" to the form tag in home.html to ensure the form data is submitted using the POST method.

<form action="/" method="POST">

1. Bug: Incorrect method used to retrieve form data in app.py.

Resolution: Updated request.args.get("note") to request.form.get("note") in app.py to properly retrieve the note from the form.

note = request.form.get("note")

1. Bug: Lack of validation for an empty note in app.py.

Resolution: Added a check to ensure that the note is not empty before appending it to the notes list in app.py.

1. if note:

2. notes.append(note)

1. Bug: Button in home.html missing type="submit" attribute.

Resolution: Added type="submit" to the button tag in home.html to explicitly set it as a submit button for the form.

<button type="submit">Add Note</button>

1. Bug: Flask route in app.py is only configured for the POST method.

Resolution: Updated the route to include both GET and POST methods to handle initial rendering of the page and form submissions.

@app.route('/', methods=["GET", "POST"])