Innomatics Research Lab

Backend Task-2

Debugging

Flask API:-

There are a few issues with the provided code:

1)While creating endpoint the route is set up to only accept POST requests, but the code is trying to get the note from the query string using 'request.args.get()'.

To get data from a POST request, we should use 'request.form.get()' instead.

2)'notes='notes'' should be 'notes=notes:' When rendering the template, we need to pass the actual 'notes' list variable to the template, and not a string.

So the line should be changed to 'notes=notes'.

3)The code have defined a single route for the app at '/', which only accepts POST requests.

Therefore, when we navigate to the homepage, we will get a 405 error because the method is not allowed.

we can fux this by adding separate rout for grt request to render the form:

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

def form():

return render\_template("home.html")

html code:-

1)The form action is missing: When the form is submitted, it needs to know where to send the data.

In this case, the form action is not specified, so the form will be submitted to the same URL as the current page,

which may not be what we want.

we can specify the 'action' URL in the action attribute of the '<form>' tag.

2)The HTTP method is missing: The form is missing the method attribute that specifies the HTTP method to use when submitting the form data.

In this case, we want to use the POST method to send the note data to the server.

we can add the method attribute to the form element and set it to 'POST' like this:'<form action="" method="POST">'

3)The list items are not wrapped in a <ul> tag: The list items are being generated using a loop, but they are not contained within an unordered list element <ul>.

we should add a <ul> tag before the loop, and a </ul> tag after the loop to properly format the list.