INNOMATICS RESEARCH LABS

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Bug Report in Note-Taking App

1. ## Bug 1

   @app.route('/', methods=["POST"]):- The Requirement here is to create a route that listens to both request "GET" and "POST" but only the Post method is defined so we have to create a route which listens to both request "GET" and "POST" @app.route('/', methods=["GET","POST"])

   BUG

   ```python
   from flask import Flask, render_template, request

   app = Flask(__name__)

   notes = []
   @app.route('/', methods=["POST"])
   def index():
       note = request.args.get("note")
       notes.append(note)
       return render_template("home.html", notes=notes)


   if __name__ == '__main__':
       app.run(debug=True)
   ```

   Solution

   ```python
   from flask import Flask, render_template, request

   app = Flask(__name__)

   notes = []
   @app.route('/', methods=["GET","POST"])
   def index():
       note = request.form.get("note")
       notes.append(note)
       return render_template("home.html", notes=notes)


   if __name__ == '__main__':
       app.run(debug=True)
   ```

2. ## Bug 2

   request.args.get("note"):- Here The route is POST method and we are trying to get information using args which is incorrect while using Post Request so we have to pass request.form.get("note") to get info while using post method

   BUG

   ```python
   def index():
       note = request.args.get("note")
       notes.append(note)
       return render_template("home.html", notes=notes)
   ```

   Solution

   ```python
   def index():
       note = request.form.get("note")
       notes.append(note)
       return render_template("home.html", notes=notes)
   ```

3. ## Bug 3

   In the HTML page in the form section form method is not define so we have to define there <form method="post">

   BUG

   ```html
   <form action="">
       <input type="text" name="note" placeholder="Enter a note">
       <button>Add Note</button>
   </form>
   ```

   SOLUTION

   ```html
   <form method="post">
       <input type="text" name="note" placeholder="Enter a note">
       <button>Add Note</button>
   </form>
   ```