INNOMATICS®
RESEARCH LABS

INNOVATION. AUTO**MAT**ION. ANALY**TICS**

PROJECT ON

Code Refactoring and Bug Fixing

-- **M RAVI TEJA**

BUG_1: Incorrect Method Representation in Function Route Definition in app.py

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

Method Not Allowed

The method is not allowed for the requested URL.

Solution: Change Method in Route Function Definition in app.py

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

Enter a note | Add Note

- None

BUG_2: Incorrect Request Method Representation in index Function Route Definition in app.py. It only handles POST request.

```python
note = request.args.get("note")
```

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

Solution: Change Request Method in Route Function Definition in app.py. It is capable of handling both GET and POST Requests and I changed **"request.args.get('note')"** to **'request.form.get('note')'**.

```python
notes = []
@app.route('/', methods=['GET',"POST"])
def index():
    if request.method=='POST':
        note = request.form.get("note")
        notes.append(note)
    return render_template("home.html", notes=notes)
```
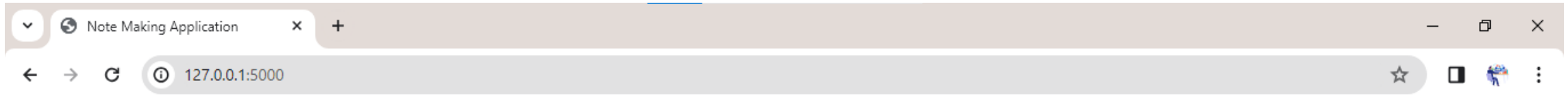
BUG_3: Type attribute missing in submit Button

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

Solution: Added type = 'submit' in button tag in home.html.

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

Finally, the Application was Running Successfully!

THANK YOU !

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