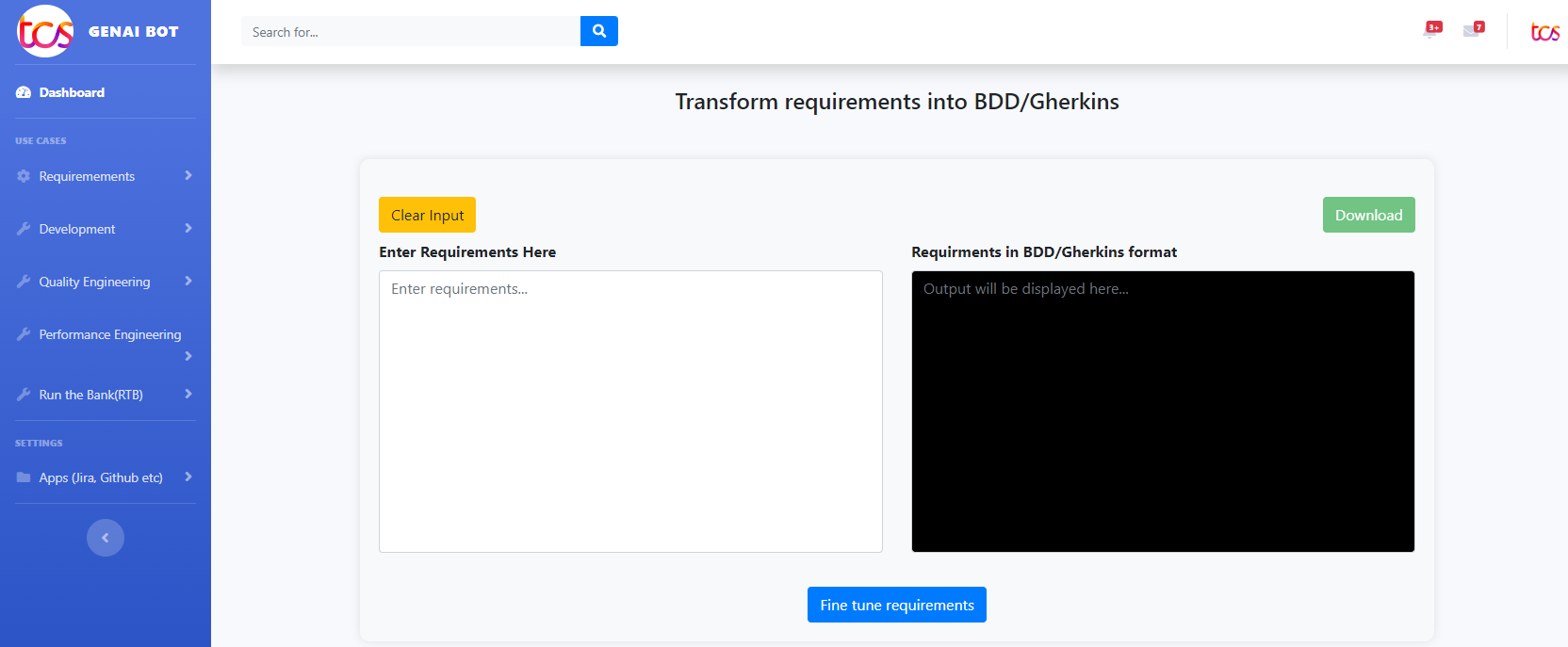
**Calling python script through ajax call from HTML**



function runPythonScript() {

document.getElementById('loadingSpinner').style.display = 'inline-block';

var pythonScriptPath = "Python.py";

var inputText = document.getElementById('inputTextArea').value;

// Make an AJAX request to your Flask server

fetch('./run\_script', {

method: 'POST',

headers: {

'Content-Type': 'application/json',

}

**Python file**

import openai

import argparse

# Set up OpenAI API key

openai.api\_key = xyz

openai.api\_base = 'Azure URL'

openai.api\_type = 'Instance name'

openai.api\_version = ‘api version’

deployment\_name = 'Deploymentment'

output\_file = "Requirement\_UI.txt"

# Function to generate test cases using OpenAI GPT-3

def generate\_test\_cases(description\_to\_append):

prompt = description\_to\_append

response = openai.Completion.create(engine=deployment\_name, prompt=prompt, temperature=0.0, max\_tokens=2000)

with open('scripts/code\_optimization/optimized\_code.txt') as f:

content = f.read()

print(content)