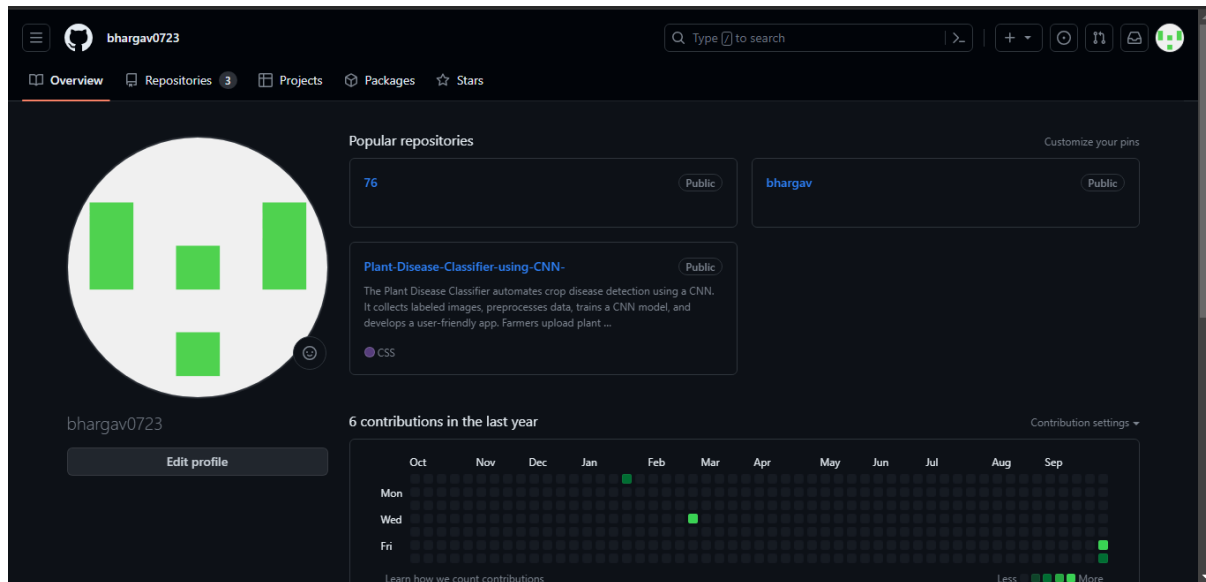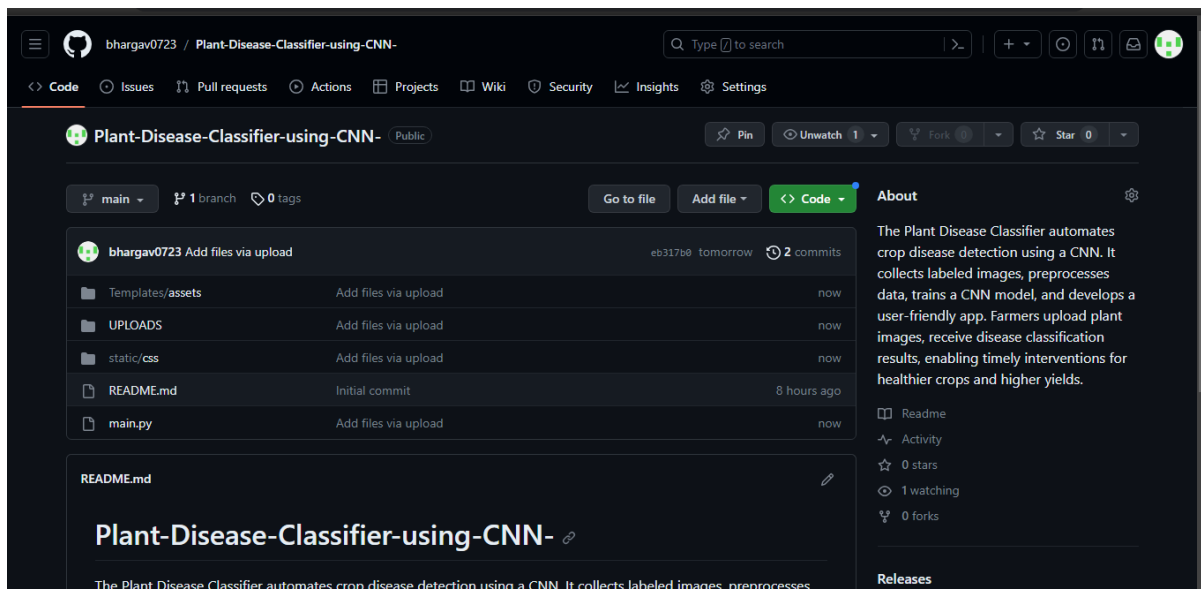## Ise 1.2 SST

1. Github profile

2.Repository:

3.Project Code

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

from werkzeug.utils import secure_filename

import requests

import os

import re

import sys


# api key check

try:

    api_key = os.environ.get('huggingface_api_key')

except:

    print("Please set your huggingface api key as your environment variable")

    sys.exit(1)


API_URL = "https://api-inference.huggingface.co/models/SanketJadhav/PlantDiseaseClassifier-Resnet50"

headers = {"Authorization": "Bearer " + api_key}


app = Flask(__name__)


upload_folder = os.path.join("static", "uploads")

app.config['UPLOADED_PATH'] = upload_folder


def remove_underscore(name):

    return re.sub(r'_+', ' ', name)


def classify(filename):

    with open(filename, "rb") as f:

        data = f.read()
```

```python
    response = requests.post(API_URL, headers=headers, data=data)


    labels = list(map(lambda x: (round(x['score'] * 100, 5), remove_underscore(x['label'])),
response.json()))


    return labels


@app.route('/', methods=['GET', 'POST'])
def home():
    # else just render the basic template
    return render_template("homepage.html")


@app.route('/trial', methods=['GET', 'POST'])
def trial():
    # saves the image in directory
    if request.method == 'POST':
        file = request.files.get('image')
        if file:
            filename = secure_filename(file.filename)
            file.save(os.path.join(app.config['UPLOADED_PATH'], filename))


            img_path = os.path.join(app.config['UPLOADED_PATH'], filename)


            labels = classify(img_path)


            return render_template("trialpage.html", img_path=img_path, labels=labels)


    return render_template("trialpage.html")
```

```python
if __name__ == "__main__":

    app.run(debug=True)
```