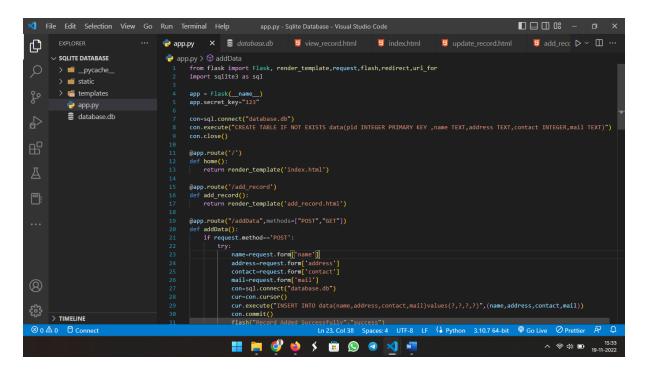
Creation	Flask Project
Student Name	Mr. Siva Subramanian S
Student Roll Number	61771921045

Creation of Flask Project

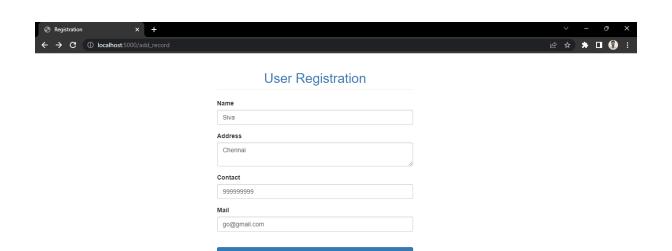


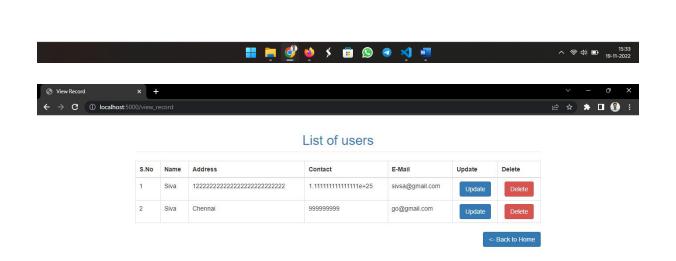


News Tracker Application











Code <app.py>

```
from flask import Flask, render_template, request, flash, redirect, url_for
import sqlite3 as sql
app = Flask(__name__)
app.secret_key="123"
con=sql.connect("database.db")
con.execute("CREATE TABLE IF NOT EXISTS data(pid INTEGER PRIMARY KEY ,name TEXT,address
TEXT,contact INTEGER,mail TEXT)")
con.close()
@app.route('/')
def home():
    return render_template('index.html')
@app.route('/add_record')
def add_record():
    return render_template('add_record.html')
@app.route("/addData", methods=["POST", "GET"])
def addData():
    if request.method=='POST':
        try:
            name=request.form['name']
            address=request.form['address']
            contact=request.form['contact']
            mail=request.form['mail']
            con=sql.connect("database.db")
            cur=con.cursor()
            cur.execute("INSERT INTO
data(name,address,contact,mail)values(?,?,?,?)",(name,address,contact,mail))
            con.commit()
            flash("Record Added Successfully", "success")
        except:
            flash("Error in Insert Operation", "danger")
        finally:
            return redirect(url for("home"))
            con.close()
@app.route('/view record')
def view_record():
    con=sql.connect("database.db")
    con.row_factory=sql.Row
    cur=con.cursor()
    cur.execute("SELECT * FROM data")
    data=cur.fetchall()
    con.close()
    return render_template("view_record.html",data=data)
@app.route('/update_record/<string:id>',methods=["POST","GET"])
def update_record(id):
    con=sql.connect("database.db")
    con.row_factory = sql.Row
    cur = con.cursor()
    cur.execute("SELECT * FROM data where pid=?",(id))
    data = cur.fetchone()
```

```
con.close()
    if request.method=='POST':
            name=request.form['name']
            address=request.form['address']
            contact=request.form['contact']
            mail=request.form['mail']
            con = sql.connect("database.db")
            cur = con.cursor()
            cur.execute("UPDATE data SET name=?,address=?,contact=?,mail=? where
pid=?",(name,address,contact,mail,id))
            con.commit()
            flash("Update Successfully", "success")
        except:
            flash("Error in Update Operation", "danger")
        finally:
            return redirect(url_for("home"))
            con.close()
    return render_template('update_record.html',data=data)
@app.route('/delete_record/<string:id>')
def delete_record(id):
    try:
        con = sql.connect("database.db")
        cur = con.cursor()
        cur.execute("DELETE FROM data where pid=?",(id))
        con.commit()
        flash("Record Deleted Successfully", "success")
    except:
        flash("Record Delete Failed", "danger")
    finally:
        return redirect(url_for("home"))
        con.close()
if __name__ == '__main__':
    app.run(debug=True)
```