All the important module installation

Setup

Step-1: Install the modules with the command

pip install Flask-SQLAlchemy

pip install Flask-Migrate

Step-2: Create a Flask App

from flask import Flask,render template,request

app = Flask(__name__)

Step-3: Import SQLAlchemy and Migrate module (For database)

from flask_sqlalchemy import SQLAlchemy

from flask_migrate import Migrate

Step-4: SQLAlchemy Configuration and pass the application into SQLAlchemy class

basedir = os.path.abspath(os.path.dirname(__file__))

path = 'sqlite:///' + os.path.join(basedir, 'data.sqlite')

app.config['SQLALCHEMY_DATABASE_URI'] = path

```python
app.config['SQLALCHEMY_TRACK_MODIFICATIONS'] = False


db = SQLAlchemy(app)

Migrate(app, db)
```

Step-5: Create a Table (here my table is Sabji)

```python
class Sabji(db.Model):

    __tablename__ = 'sabjis'

    id = db.Column(db.Integer, primary_key = True)

    name = db.Column(db.Text)

    mrp = db.Column(db.Integer)


## create kro    constructer ko

    def __init__(self, name, mrp):

        self.name = name

        self.mrp = mrp


    def __repr__(self):

        return "Sabji Name - {} and MRP - {}".format(self.name, self.mrp)


## app bayenge isme
```

```python
@app.route('/')
def index():
    return render_template('index.html')


@app.route('/add', methods =["GET","POST"])
def add():
    if request.method == "POST":
        name = request.form.get('in_1')
        mrp = request.form.get('in_2')

        new_sabji = Sabji(name,mrp)
        db.session.add(new_sabji)
        db.session.commit()


    return render_template('add.html')


@app.route('/search')
def search():
    name = request.args.get('in_1')
    sabji = Sabji.query.filter_by(name=name).first()
    return render_template('search.html', sabji=sabji)
```

```python
@app.route('/display')

def display_all():

    sabjis = Sabji.query.all()

    return render_template('display.html', sabjis=sabjis)




if __name__ == '__main__':

    app.run(debug=True)
```