

```

1  from flask import Flask, render_template, url_for, request, session, redirect
2
3  import os
4
5  from flask_sqlalchemy import SQLAlchemy
6
7
8  app = Flask(__name__)
9  db = SQLAlchemy(app)
10
11 # ----- app and database configuration-----
12 ENV = 'dev'
13 if ENV == 'dev':
14     app.config['DEBUG'] = True
15     app.config['SECRET_KEY'] = 'secret'
16     app.config['SQLALCHEMY_DATABASE_URI'] = 'sqlite:///data'
17     app.config['SQLALCHEMY_TRACK_MODIFICATIONS'] = False
18 else:
19     app.config['DEBUG'] = False
20     app.config['SECRET_KEY'] = os.environ.get('SECRET_KEY')
21     app.config['SQLALCHEMY_DATABASE_URI'] = os.environ.get('DATABASE_URL')
22     app.config['SQLALCHEMY_TRACK_MODIFICATIONS'] = False
23 # -----configuration end-----
24
25
26 # -----Database Model-----
27 class Artist(db.Model):
28     id = db.Column(db.Integer, primary_key=True)
29     name = db.Column(db.String, nullable=False)
30     text = db.Column(db.Text)
31 # -----Database Model end-----

```

```
34 @app.route('/')
35 def home():
36     return render_template('home.html')
37
38 @app.route('/admin', methods=['GET', 'POST'])
39 def admin():
40     if request.method == 'POST':
41         new_artist_name = request.form['name']
42         new_artist_text = request.form['text']
43
44         new_artist = Artist(name=new_artist_name, text=new_artist_text)
45         db.session.add(new_artist)
46         db.session.commit()
47
48         return redirect(url_for('home'))
49
50     else:
51         return render_template('admin.html')
```

```
1 <!DOCTYPE html>
2 <html lang="en" dir="ltr">
3   <head>
4     <meta charset="utf-8">
5     <meta name="viewport" content="width=device-width" initial-scale=1>
6     <meta name="author:" content="Santa Baltmane">
7     <link rel="stylesheet" href="{{url_for('static', filename='admin.css')}}">
8     <title>Admin Page </title>
9   </head>
10  <body>
11    <h1>This is admin page</h1>
12    <form class="" action="{{url_for('admin')}}" method="post">
13      <label for="name">Artist Name</label>
14      <input type="text" name="name" value=""><br>
15      <label for="text">Artist description</label>
16      <textarea name="text" rows="8" cols="80"></textarea>
17      <input type="submit" value="Save">
18    </form>
19  </body>
20 </html>
```