[**app.py**](http://app.py)

**from flask import Flask, render\_template, request, redirect, url\_for**

**import sqlite3**

**from datetime import datetime**

**app = Flask(\_\_name\_\_)**

**DB = 'bug\_tracker.db'**

**def init\_db():**

**conn = sqlite3.connect(DB)**

**c = conn.cursor()**

**c.execute('''CREATE TABLE IF NOT EXISTS issues (**

**id INTEGER PRIMARY KEY AUTOINCREMENT,**

**title TEXT NOT NULL,**

**description TEXT,**

**status TEXT DEFAULT 'Open',**

**priority TEXT DEFAULT 'Medium',**

**assignee TEXT,**

**date TEXT**

**)''')**

**conn.commit()**

**conn.close()**

**@app.route('/')**

**def index():**

**conn = sqlite3.connect(DB)**

**c = conn.cursor()**

**c.execute("SELECT \* FROM issues ORDER BY id DESC")**

**issues = c.fetchall()**

**conn.close()**

**return render\_template('index.html', issues=issues)**

**@app.route('/add', methods=['GET', 'POST'])**

**def add\_issue():**

**if request.method == 'POST':**

**title = request.form['title']**

**desc = request.form['description']**

**priority = request.form['priority']**

**assignee = request.form['assignee']**

**date = datetime.now().strftime('%Y-%m-%d')**

**conn = sqlite3.connect(DB)**

**c = conn.cursor()**

**c.execute("INSERT INTO issues (title, description, priority, assignee, date) VALUES (?, ?, ?, ?, ?)",**

**(title, desc, priority, assignee, date))**

**conn.commit()**

**conn.close()**

**return redirect(url\_for('index'))**

**return render\_template('add\_issue.html')**

**@app.route('/update/<int:id>/<status>')**

**def update\_status(id, status):**

**conn = sqlite3.connect(DB)**

**c = conn.cursor()**

**c.execute("UPDATE issues SET status=? WHERE id=?", (status, id))**

**conn.commit()**

**conn.close()**

**return redirect(url\_for('index'))**

**@app.route('/delete/<int:id>')**

**def delete\_issue(id):**

**conn = sqlite3.connect(DB)**

**c = conn.cursor()**

**c.execute("DELETE FROM issues WHERE id=?", (id,))**

**conn.commit()**

**conn.close()**

**return redirect(url\_for('index'))**

**if \_\_name\_\_ == '\_\_main\_\_':**

**init\_db()**

**app.run(debug=True)**