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<!-- board.html -->

<!DOCTYPE html>
<html lang="en">
  <head>
    <link rel="stylesheet" href="{{ url_for('static',
filename='css/style.css') }}" />
  </head>

  <body>
    <h1>Notice board</h1>
    <hr>
    <h4>Search</h4>
    <form action="/search" method="GET">
      <input type="text" name="keyword" placeholder="Search">
      <input type="submit" value="Search">
    </form>
    <hr>

    <h4>Contents</h4>
    <table class="table" border="1" width=600 style="word-break:break-all;
table-layout: fixed;">
      <thead>
        <th width="4%">No</th>
        <th width="15%">Title</th>
        <th width="25%">Text</th>
        <th width="15%">Actions</th>
      </thead>
      {% for row in board %}
      <tr>
        <td>{{ loop.index }}</td>
        <td>{{ row[1] }}</td>
        <td>{{ row[2] }}</td>
        <td>
          <a href="{{ url_for('update', no=row[0]) }}" class="button
update-button">Update</a>
          <form action="{{ url_for('delete', no=row[0]) }}"

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method="POST" style="display: inline;">
        <input type="submit" value="Delete">
    </form>
</td>
</tr>
{% endfor %}
</table>
<hr>
<h4>Add the Note</h4>
<form action="/add" method="POST">
    title<br>
    <input type="text" name="title"/><br>
    Text<br>
    <textarea name="maintext" cols="50" rows="10"></textarea><br><br>
    <input type="submit" value="submit"/><br>
</form>
</body>
</html>
```

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<!-- update.html -->

<!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="{{ url_for('static',
filename='css/style.css') }}" />
</head>
<body>
    <h1>Update Board</h1>
    <form action="{{ url_for('update', no=post[0]) }}" method="POST">
        title<br>
        <input type="text" name="title" value="{{ post[1] }}" /><br>
        Text<br>
        <textarea name="maintext" cols="50"
rows="10">{{ post[2] }}</textarea><br><br>
        <input type="submit" value="submit" /><br>
    </form>
</body>
</html>
```

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# app.py

from flask import Flask, render_template, request, redirect, url_for
from flask_mysqldb import MySQL

app = Flask(__name__)

# MySQL 설정
app.config['MYSQL_HOST'] = 'localhost'
app.config['MYSQL_USER'] = 'root'
app.config['MYSQL_PASSWORD'] = 'jisu3101'
app.config['MYSQL_DB'] = 'crudboard'

mysql = MySQL(app)

@app.route("/")
def index():
    cur = mysql.connection.cursor()
    cur.execute("SELECT * FROM board")
    board = cur.fetchall()
    cur.close()
    return render_template("board.html", board=board)

@app.route('/add', methods=['POST'])
def add():
    if request.method == 'POST':
        title = request.form['title']
        content = request.form['maintext']
        cur = mysql.connection.cursor()
        cur.execute("INSERT INTO board (title, maintext) VALUES (%s, %s)",
(title, content))
        mysql.connection.commit()
        cur.close()
        return redirect(url_for('index'))

@app.route('/update/<int:no>', methods=['GET', 'POST'])
def update(no):

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    cur = mysql.connection.cursor()
    if request.method == 'POST':
        title = request.form['title']
        content = request.form['maintext']
        cur.execute("UPDATE board SET title = %s, maintext = %s WHERE no = %s",
(title, content, no))
        mysql.connection.commit()
        cur.close()
        return redirect(url_for('index'))
    else:
        cur.execute("SELECT * FROM board WHERE no = %s", [no])
        post = cur.fetchone()
        cur.close()
        return render_template('update.html', post=post)

@app.route('/delete/<int:no>', methods=['POST'])
def delete(no):
    cur = mysql.connection.cursor()
    cur.execute("DELETE FROM board WHERE no = %s", [no])
    mysql.connection.commit()
    cur.close()
    return redirect(url_for('index'))

@app.route('/search', methods=['GET'])
def search():
    keyword = request.args.get('keyword', '')
    cur = mysql.connection.cursor()
    cur.execute("SELECT * FROM board WHERE title LIKE %s OR maintext LIKE %s",
('%'+keyword+'%', '%'+keyword+'%'))
    board = cur.fetchall()
    cur.close()
    return render_template('board.html', board=board)

if __name__ == "__main__":
    app.run(debug=True)

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/* style.css */

body {
    background-color: #f0f8ff;
    font-family: Arial, sans-serif;
    color: #333;
    text-align: left;
}

h1 {
    color: #0066cc;
}

h4 {
    color: #003366;
}

form {
    margin: 20px auto;
    width: 300px;
}

input[type="text"], textarea {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
}

input[type="submit"] {
    width: 100%;
    background-color: #0066cc;
    color: white;
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padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;
}

input[type="submit"]:hover {
    background-color: #003366;
}

.table {
    margin: 0 auto;
}

.table th, .table td {
    padding: 15px;
    text-align: left;
}

.table th {
    background-color: #0066cc;
    color: white;
}

.table tr:nth-child(even) {
    background-color: #e6f2ff;
}

/* 기존 submit 버튼 스타일을 button 클래스로 적용 */
.button {
    display: inline-block;
    width: auto; /* 자동 크기 조정 */
    background-color: #0066cc;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
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border: none;
border-radius: 4px;
cursor: pointer;
text-align: center;
text-decoration: none; /* 링크의 밑줄 제거 */
}

.button:hover {
    background-color: #003366;
}

/* Update 버튼을 위한 추가 클래스 */
.update-button {
    background-color: #0066cc; /* 버튼 색상 변경 (옵션) */
}

/* Delete 버튼의 스타일도 클래스를 통해 적용 */
.delete-button {
    background-color: #f44336; /* 버튼 색상 변경 (옵션) */
}

.delete-button:hover {
    background-color: #d32f2f; /* Hover 색상 변경 (옵션) */
}
```