

```
flask / app.py
app.py home.html addUsers.html editUsers.html
22 #New User
23 @app.route('/addUsers', methods=['GET', 'POST'])
24 def addUsers():
25
26     if request.method == 'POST':
27         userDetails = request.form
28         sid = userDetails['sid']
29         sname = userDetails['sname']
30         dob = userDetails['dob']
31         department = userDetails['department']
32
33         cur = mysql.connection.cursor()
34
35         cur.execute("insert into studentdata (sid,sname,dob,department) values (%s,%s,%s,%s)" % (sid,sname,dob,department))
36
37         mysql.connection.commit()
38         cur.close()
39
40         return redirect(url_for("home"))
41
42     return render_template('addUsers.html')
```

Server: 127.0.0.1 » Database: studentinfo » Table: studentdata

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Track

Showing rows 0 - 4 (5 total, Query took 0.0007 seconds.)

SELECT * FROM `studentdata`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

Edit

Copy

Delete

1

Esha

2002-03-19

Physics

Edit

Copy

Delete

2

Cathy

2001-04-17

Economics

Edit

Copy

Delete

3

Mugesh

2000-02-28

Biology

Edit

Copy

Delete

4

nani

1995-04-18

Business Maths

Edit

Copy

Delete

5

ram

2001-04-20

chemistry

Check all

With selected:

Edit

Copy

Delete

Export

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

flask app.py

app.py x home.html x addUsers.html x editUsers.html x

```
58     mysql.connection.commit()
59     cur.close()
60     return redirect(url_for("home"))
61
62     sql="select *from studentdata where sid=%s"
63     cur.execute(sql,[sid])
64     rus=cur.fetchone()
65     return render_template("editUsers.html",UserDetail=rus)
66
67 #Delete User
68 @app.route('/deleteUsers/<string:sid>',methods=['GET','POST'])
69 def deleteUsers(sid):
70     cur = mysql.connection.cursor()
71     cur.execute("delete from studentdata where sid=%s",[sid])
72     mysql.connection.commit()
73     cur.close()
74     return redirect(url_for("home"))
75
76 if __name__ == "__main__":
77     app.run(debug=True)
78
```

```
flask > app.py
app.py x home.html x addUsers.html x editUsers.html x
1 from flask import Flask, render_template, request, url_for, redirect
2
3 from flask_mysql import MySQL
4
5 app = Flask(__name__)
6
7 app.config['MYSQL_HOST'] = 'localhost'
8 app.config['MYSQL_USER'] = 'root'
9 app.config['MYSQL_PASSWORD'] = ''
10 app.config['MYSQL_DB'] = 'studentinfo'
11
12 mysql = MySQL(app)
13 #Loading Home Page
14
15 @app.route("/home")
16 def home():
17     cur=mysql.connection.cursor()
18     result=cur.execute("select * from studentdata")
19     if result > 0:
20         userDetails=cur.fetchall()
21     return render_template("home.html", userDetails=userDetails)
```

flask templates addUsers.html

app.py × home.html × addUsers.html × editUsers.html ×

```
1 <html>
2   <head>
3     <title>STUDENT DATABASE</title>
4
5   </head>
6   <body>
7     <h1>Add New User Details</h1>
8     <form action='' method='post'>
9       <label>sid:</label>
10      <input type="text" name="sid" required>
11      <label>sname:</label>
12      <input type="text" name="sname" required>
13      <label>dob:</label>
14      <input type="text" name="dob" required>
15      <label>department:</label>
16      <input type="text" name="department" required>
17      <input type='submit' value='Save Details'>
18    </form>
19  </body>
20 </html>
```


flask > templates > editUsers.html

app.py x home.html x addUsers.html x editUsers.html x

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>STUDENT DATABASE</title>
5
6   </head>
7   <body>
8     <h1>Edit User Details</h1>
9     <form action='' method='post'>
10       <label>sid:</label>
11       <input type="text" name="sid" disabled value={{userDetail[0]}} required>
12       <label>sname:</label>
13       <input type="text" name="sname" value={{userDetail[1]}} required>
14       <label>dob:</label>
15       <input type="text" name="dob" value={{userDetail[2]}} required>
16       <label>department:</label>
17       <input type="text" name="department" value={{userDetail[3]}} required>
18       <input type='submit' value='Save Details'>
19     </form>
20   </body>
21 </html>
```

app.py x home.html x addUsers.html x editUsers.html x

```
6 <h1>Student Managment Details</h1>
7
8 <p><a href="{{url_for('addUsers')}}">Add Users</a></p>
9
10 <table>
11     <tr>
12         <th>sid</th>
13         <th>sname</th>
14         <th>dob</th>
15         <th>department</th>
16         <th>EDIT</th>
17         <th>DELETE</th>
18     </tr>
19     {% for data in userDetails %}
20     <tr>
21         <td>{{data[0]}}</td>
22         <td>{{data[1]}}</td>
23         <td>{{data[2]}}</td>
24         <td>{{data[3]}}</td>
25         <td> <a href="{{url_for('editUsers',sid=data[0])}}">EDIT</a> </td>
26         <td> <a href="{{url_for('deleteUsers',sid=data[0])}}">DELETE</a> </td>
27     </tr>
28     {% endfor %}
29 </table>
30 </body>
```

 You are using the Flask framework