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Objective: To create a HTML style program which takes in user input for email, phone number and name. Once the user stores that information it is processed to the mongoDB and a table is displayed with the entered information.

Implementation:

Created a html file which simply asks for Name, email and phone number.

CISCO PROJECT

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Name: 1	Email -	Phone #	Submit
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Once the user hits "Submit" on the main website, it sends a post request which the python program routes

```
@app.route("/", methods=['POST'])
def getdata():
    name=request.form["Name"]
    email=request.form["email"]
    phone=request.form["phone"]
    passdata(name,email,phone)
    return render_template("pass.html", n=name, e=email,p= phone)
```

The respective data is placed in variables which are passed using the passdata function, to be able to display the results page we route it back to the homepage

```
@app.route("/", methods=['POST','GET'])

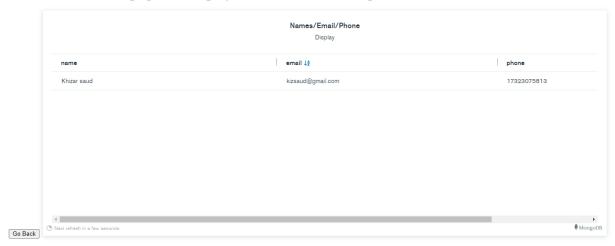
def passdata(name,email,phone):
    post = { "name": name, "email": email, "phone": phone}
    collection.insert_one(post)
    file=open("logs.txt", 'w')
    x=collection.find()

for data in x:
    print(data, file=file)
    print(data)
```

This function inserts the user entered data into the collection in mongoDB and also creates a logfile which auto updates as the user enters information.

Finally the program displays a table which shows the entered data

This page will display the name, email, and phone number of clients



NOTE: To properly access clusters needs to register unique ip address into mongodb

Network Access

IP Access List Peering

Private Endpoint

You will only be able to connect to your cluster from the following list of IP Addresses:					
IP Address	Comment	Status	Action		
73.81.116.174/32 (includes your current IP address)	My IP Address	 Active 	♦ EDI		
73.81.116.140/32	My IP Address	 Active 	♦ EDI		