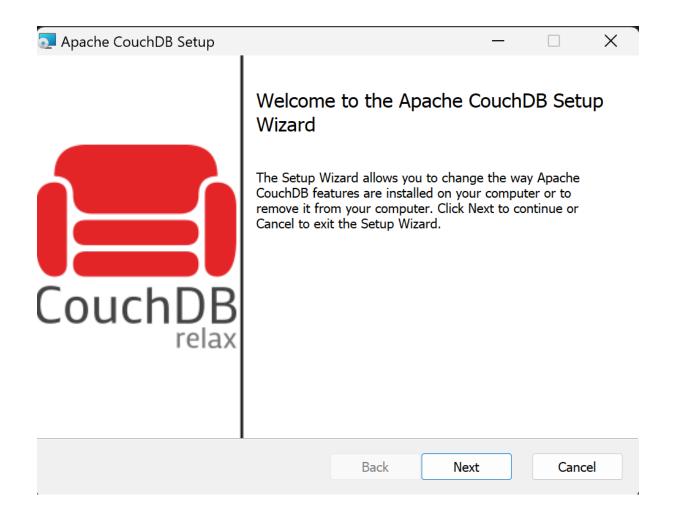
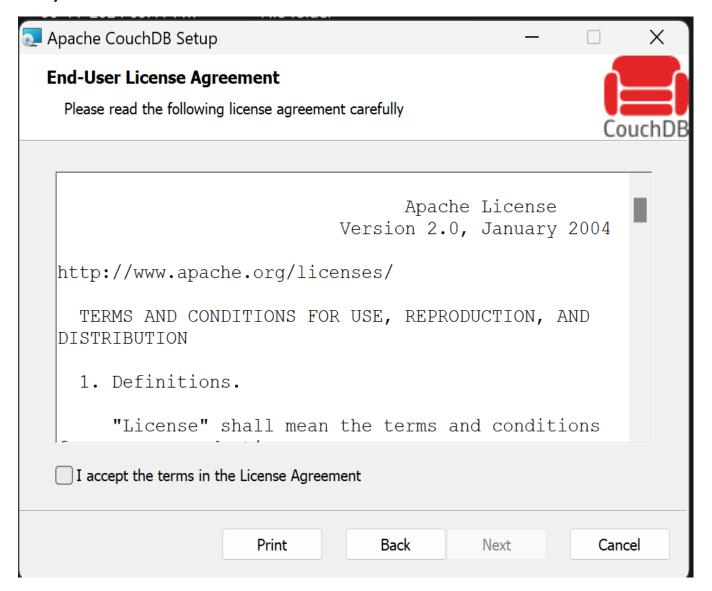
# DBMS LAB ASSESSMENT-4 NOSQL COUCHE DB

### INSTALLATION OF COUCHE DB

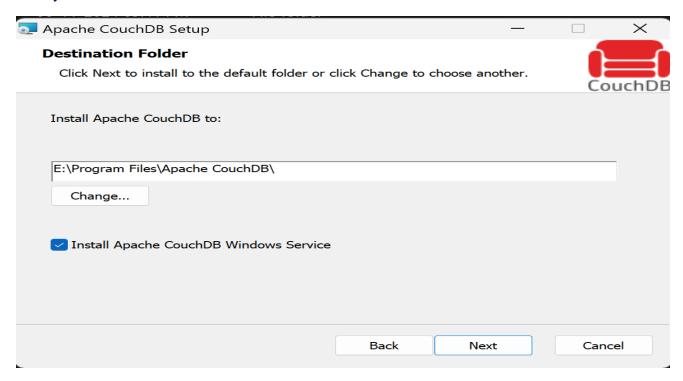
# 1) SETUP WIZARD:



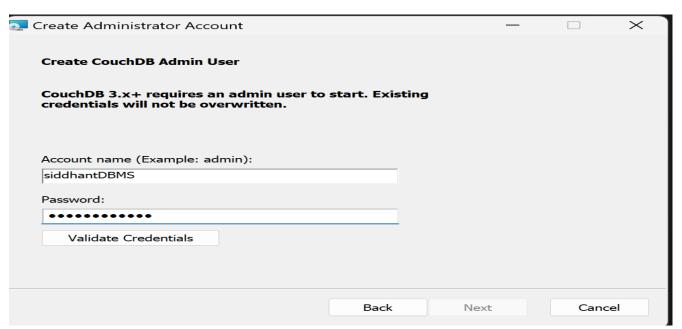
### 2) TERMS AND CONDITIONS



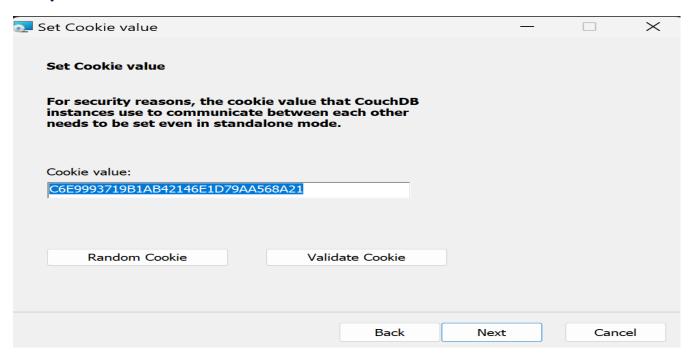
# 3) ASSIGNING LOCATION



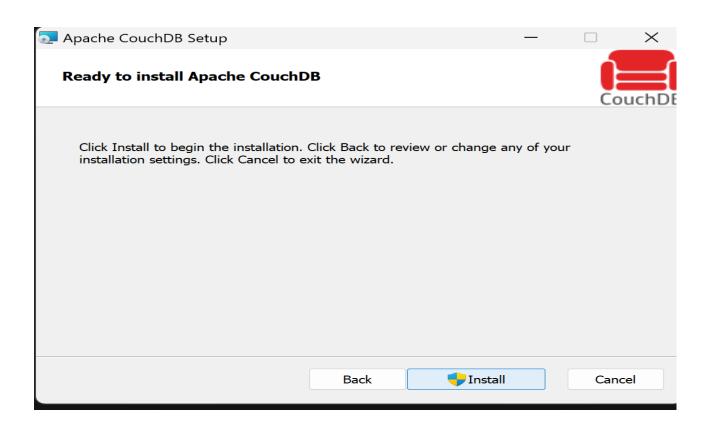
# 4) CREATING ACCOUNT & VALIDATING CREDENTIALS

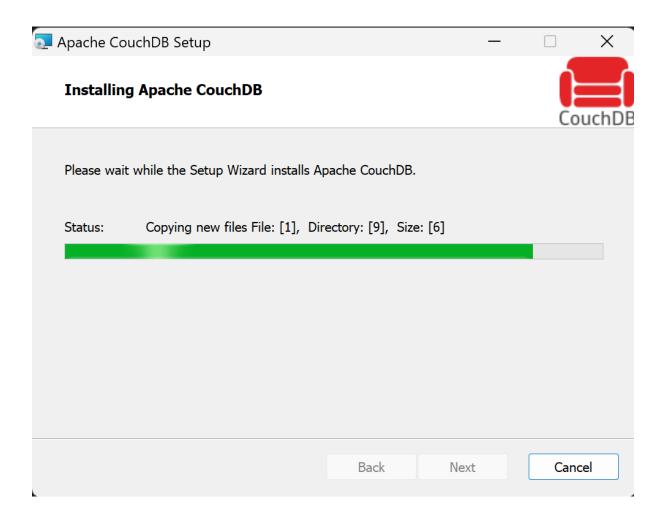


# 5) COOKIE VALUE SET UP

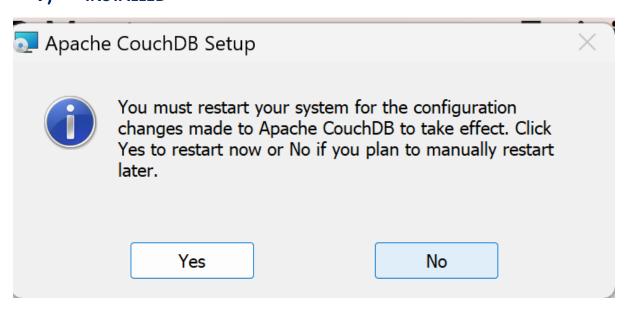


### 6) INSTALLATION





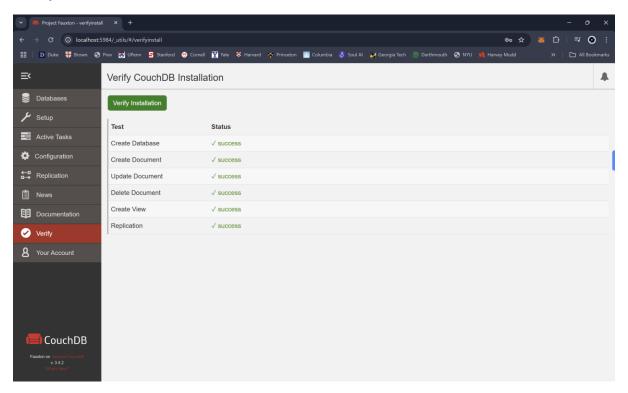
### 7) INSTALLED



## 8) LOGGING IN



# 9) VERIFYING INSTALLATION

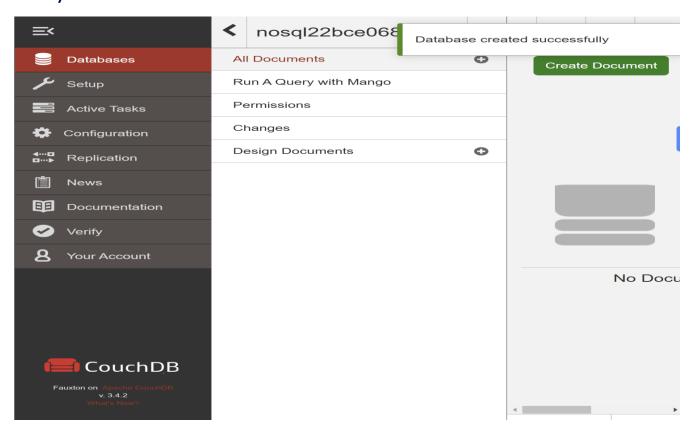


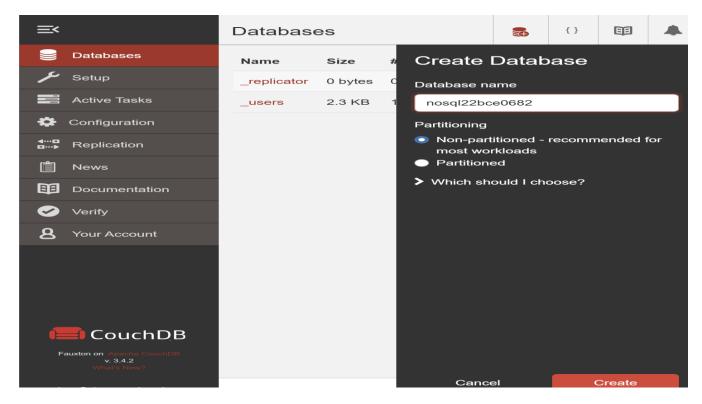
# **EXERCISE**

# 10) SETTING UP COUCHDB



### 11) CREATING DATABASE





# 12) INSERTING VALUES IN DATABASE

```
≅
                                 nosql22bce0682 > 64053f72f8078c0d0c1cff2886000a28
                                                                                                                                                                                                          {}JSON
Databases

✓ Save Changes Cancel

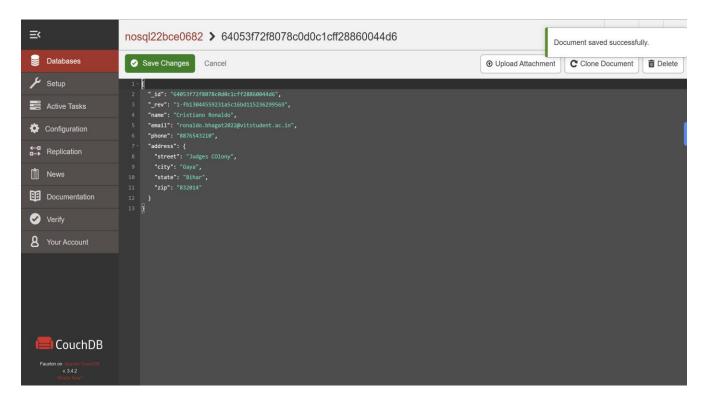
                                                                                                                                                               Upload Attachment
                                                                                                                                                                                             C Clone Document
                                                                                                                                                                                                                        Delete
Setup
                                        "_id": "64853f72f8078c0d0c1cff2886000a28",

"_rev": "1-906169105cce843ccb4414adcleb8818",

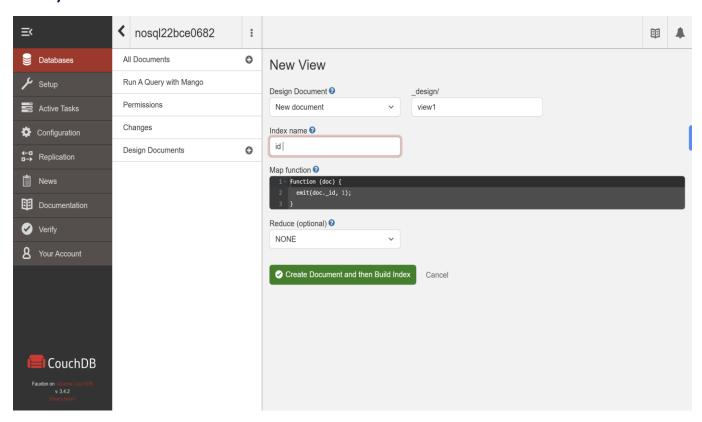
"name": "Siddhat Bhagat",

"email": "siddhant.bhagat2022@vitstudent.ac.in",

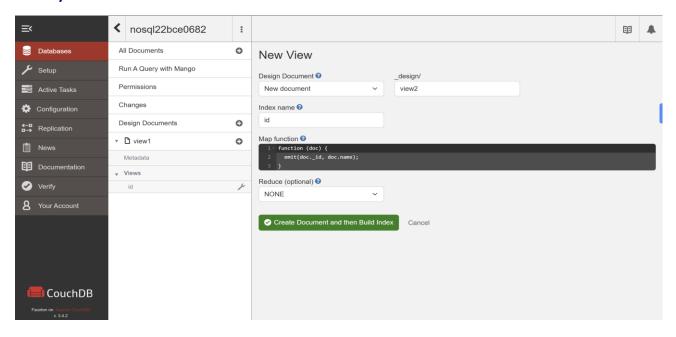
"phone": "9876543210",
Active Tasks
Configuration
Replication
                                          "street": "Katpadi",
"city": "Vellore",
"state": "Tamil Nadu",
"zip": "632014"
News
Documentation
✓ Verify
8 Your Account
    CouchDB
```



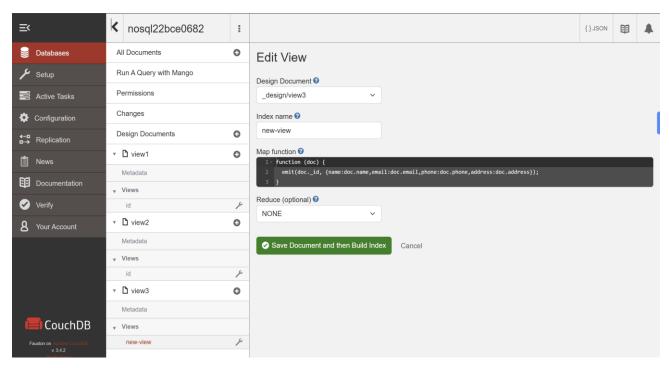
### 13) SETTING UP DATABASE VIEW



# 14) SETTING UP 2<sup>ND</sup> VIEW



# 15) SETTING UP 3<sup>RD</sup> VIEW



### 16) DISPLAYING DATABASE IN JSON FORMAT

# 17) USING COMMAND TERMINAL SETTING UP SERVER

```
C:\Users\siddh>SET SERVER=http://siddhantdbms:123456@127.0.0.1:5984
C:\Users\siddh>ECHO %SERVER%
http://siddhantdbms:123456@127.0.0.1:5984
```

### 18) CHECKING AVAILABLE DATABASE

```
C:\Users\siddh>curl -X GET %SERVER%/_all_dbs
["_replicator","_users","nosql22bce0682"]
```

### 19) DISPLAYING THE DATABASE

```
C:\Users\siddh>curl -X GET \$SERVER\$/nosql22bce\0682/_design/view3/_view/new-view
{"total_rows":2, "offset":0, "rows":[
{"id":"64053f72f8078c0d0c1cff2886000a28", "key":"64053f72f8078c0d0c1cff2886000a28", "value":\{"name":"Siddhat Bhagat", "email":"siddhant.bhagat2022@vitstudent
.ac.in", "phone":"9876543210", "address":\{"street":"Katpadi", "city":"Vellore", "state":"Tamil Nadu", "zip":"632014"\}},
{"id":"64053f72f8078c0d0c1cff28860044d6", "key":"64053f72f8078c0d0c1cff28860044d6", "value":\{"name":"Cristiano Ronaldo", "email":"ronaldo.bhagat2022@vitstude
nt.ac.in", "phone":"8876543210", "address":\{"street":"Judges Colony", "city":"Gaya", "state":"Bihar", "zip":"832014"\}}
]}
```

### 20) FETCHING UUIDS

```
C:\Users\siddh>curl -X GET %SERVER%/_uuids
{"uuids":["64053f72f8078c0d0c1cff2886009503"]}
```

### 21) ADDING MORE VALUES TO THE DATABASE VIA TERMINAL

C:\Users\siddh>curl -X PUT %SERVER%/nosql22bce0682/64053f72f8078c0d0c1cff28
86009503 -d "{\"name\":\"Spider Man\",\"email\":\"spideyjj@gmail.com\"}"
{"ok":true,"id":"64053f72f8078c0d0c1cff2886009503","rev":"1-548f0295f992c75
0272aace43e562b90"}

### 22) DISPLAYING ALL THE VALUES

```
C:\Users\siddh>curl -X GET %SERVER%/nosql22bce0682/_design/view3/_view/new-
view
{"total_rows":3,"offset":0,"rows":[
{"id":"64053f72f8078c0d0c1cff2886000a28","key":"64053f72f8078c0d0c1cff28860
00a28","value":{"name":"Siddhat Bhagat","email":"siddhant.bhagat2022@vitstu
dent.ac.in","phone":"9876543210","address":{"street":"Katpadi","city":"Vell
ore","state":"Tamil Nadu","zip":"632014"}}},
{"id":"64053f72f8078c0d0c1cff2886004446","key":"64053f72f8078c0d0c1cff28860
044d6","value":{"name":"Cristiano Ronaldo","email":"ronaldo.bhagat2022@vits
tudent.ac.in","phone":"8876543210","address":{"street":"Judges COlony","cit
y":"Gaya","state":"Bihar","zip":"832014"}},
{"id":"64053f72f8078c0d0c1cff2886009503","key":"64053f72f8078c0d0c1cff28860
09503","value":{"name":"Spider Man","email":"spideyjj@gmail.com"}}
]}
```

### 23) VIEWING THE DATABASE

```
id "64053f72f8078c0d0c1cff2886009503"

{
    "id": "64053f72f8078c0d0c1cff2886009503",
    "key": "64053f72f8078c0d0c1cff2886009503",
    "value": {
        "rev": "1-548f0295f992c750272aace43e562b90"
        },
        "doc": {
            "_id": "64053f72f8078c0d0c1cff2886009503",
            "_rev": "1-548f0295f992c750272aace43e562b90",
            "name": "Spider Man",
            "email": "spideyjj@gmail.com"
        }
    }
}
```

### 24) DISPLAYING THE NEW ADDED VALUE IN THE DATABASE JSON FORMAT