

Muhammad Waleed
20b-115-se
SDA LAB#12
Sir Misbah ud Deen

HTML Form:

FirstName:

LastName:

Rollno:

On Submit:

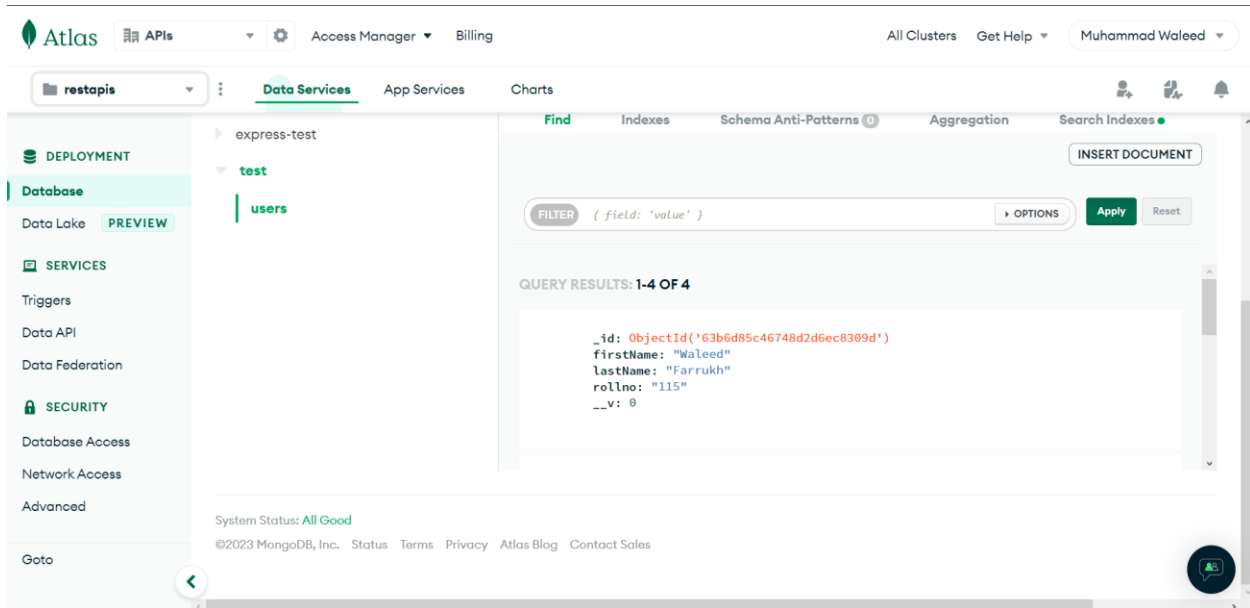
User Added!

Get All:

```
< > ↻ VPN localhost:3000/getall  
[{"_id":"63b6d85c46748d2d6ec8309d","firstName":"Waleed","lastName":"Farrukh","rollno":"115","__v":0},  
{"_id":"63b6d8f3c8d60abae90d70c7","firstName":"farhan","lastName":"ali","rollno":"056","__v":0},  
{"_id":"63b6d8ffc8d60abae90d70c9","firstName":"bajwa","lastName":"bajwa","rollno":"017","__v":0},  
{"_id":"63b6dfab52710a4e49b5742c","firstName":"Ali","lastName":"Butt","rollno":"115","__v":0}]
```

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MongoDB Dashboard:



Code:

```
const app = require("express")()
const mongoose = require("mongoose")
const port = 3000
const uri =
  "mongodb+srv://notwld:uit12345@cluster0.0mjdwgd.mongodb.net/?retryWrites=true&w=majority"

const bodyParser = require("body-parser")

app.use(bodyParser.json())
app.use(bodyParser.urlencoded())

mongoose.connect(uri).then(()=>{
  console.log("Connected to db")
})

const userSchema = new mongoose.Schema({
  firstName:String,
  lastName:String,
  rollno:String
})
```

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```
const User = mongoose.model("users",userSchema)

app.post("/addname", async (req,res)=>{
  const newUser = new User(req.body)
  await newUser.save()
  .then((data)=>{
    res.send("User Added!")
  })
  .catch((err)=>{
    res.send("Error has occurred!")
  })
})

app.get("/",(req,res)=>{
  res.sendFile(__dirname+"/index.html")
})

app.get("/getall",async(req,res)=>{
  const users = await User.find()
  .then((data)=>{
    res.send(data)
  })
  .catch((err)=>{
    res.send(err)
  })
})

app.listen(port,()=>{
  console.log(`Server running on localhost:${port}`)
})
```