

Backend Part by Vipul Chaudhary

- first, add your mongodb URI in .env file name it as DB
- then run below cmd **in backend folder** to install all required nodemodules (You should have node installed in your system)

```
npm i
```

- It will run on port 5000.

Routes and their utilities :

- /auth/signup -> to create new account
- /auth/login -> to login
- /contact -> to save contact form responses
- /hire_mechanic -> to save hire mechanic form responses
- /enquiry -> to save enquiry from responses

Request URL example :

```
http://localhost:5000/auth/login
```

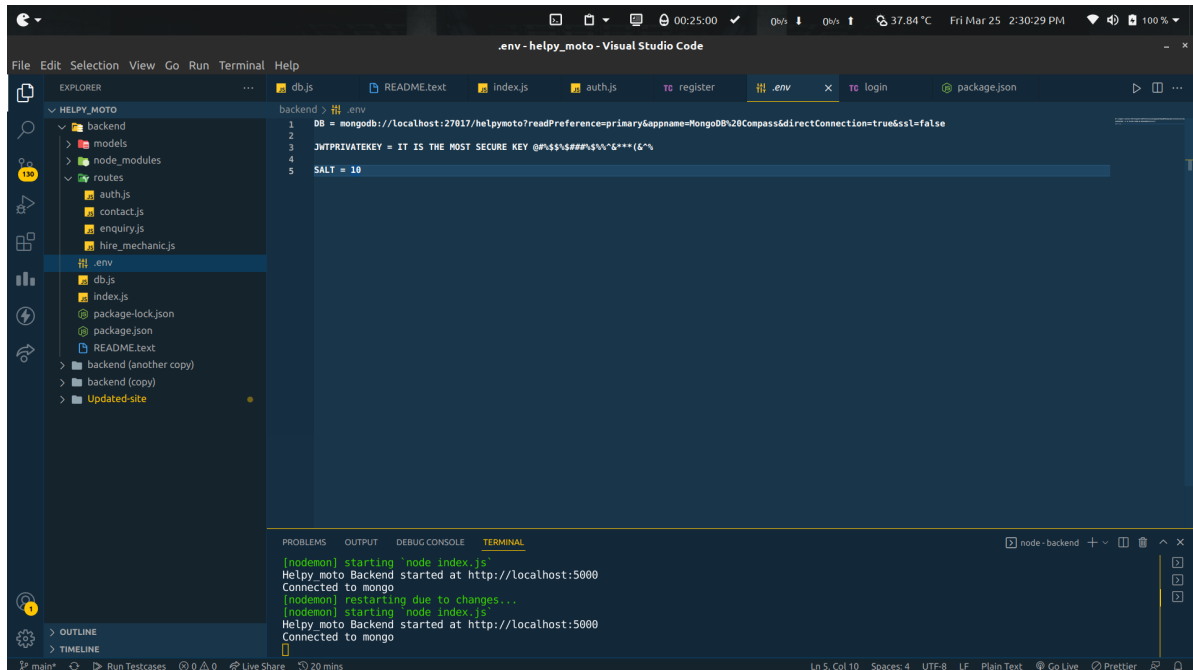
We are sending data from front end to backend in request body object

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1. /auth/signup -> to create new account
 2. /auth/login -> to login
 3. /contact -> to save contact form responses
 4. /hire_mechanic -> to save hire mechanic form responses
 5. /enquiry -> to save enquiry from responses

Example : For create new account user,

```
{  
  "name" : "Vipul",  
  "email" : "vipulss@gmail.com",  
  "password" : "vipul@123"  
}
```

.env file

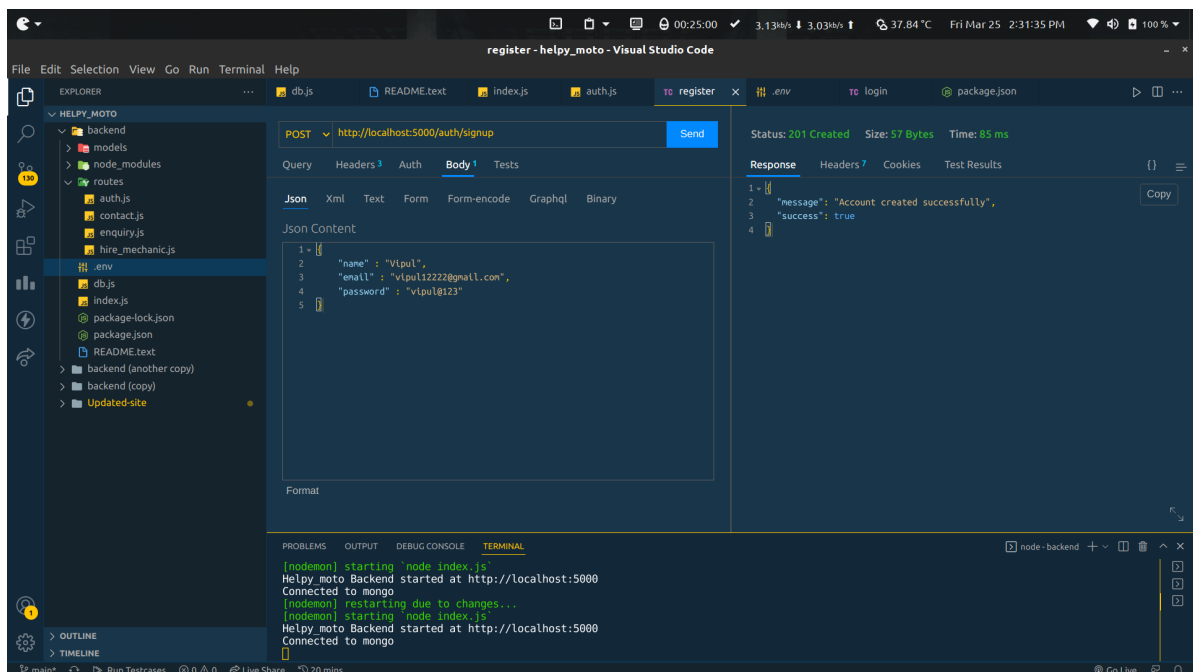


The screenshot shows the Visual Studio Code editor with the file explorer on the left displaying the project structure for 'HELPI_MOTO'. The file '.env' is selected, and its contents are shown in the editor:

```
1 DB = mongodb://localhost:27017/helpmoto/readPreference=primary&appName=MongoDB%20Compass&directConnection=true&ssl=false
2
3 JWTPRIVATEKEY = IT IS THE MOST SECURE KEY @P%$%$###P%$%$%^&***(&~%
4
5 SALT = 10
```

 The terminal at the bottom shows the output of running 'node index.js', indicating that the backend started at http://localhost:5000 and connected to MongoDB. It also shows a restart due to changes.

Account created :

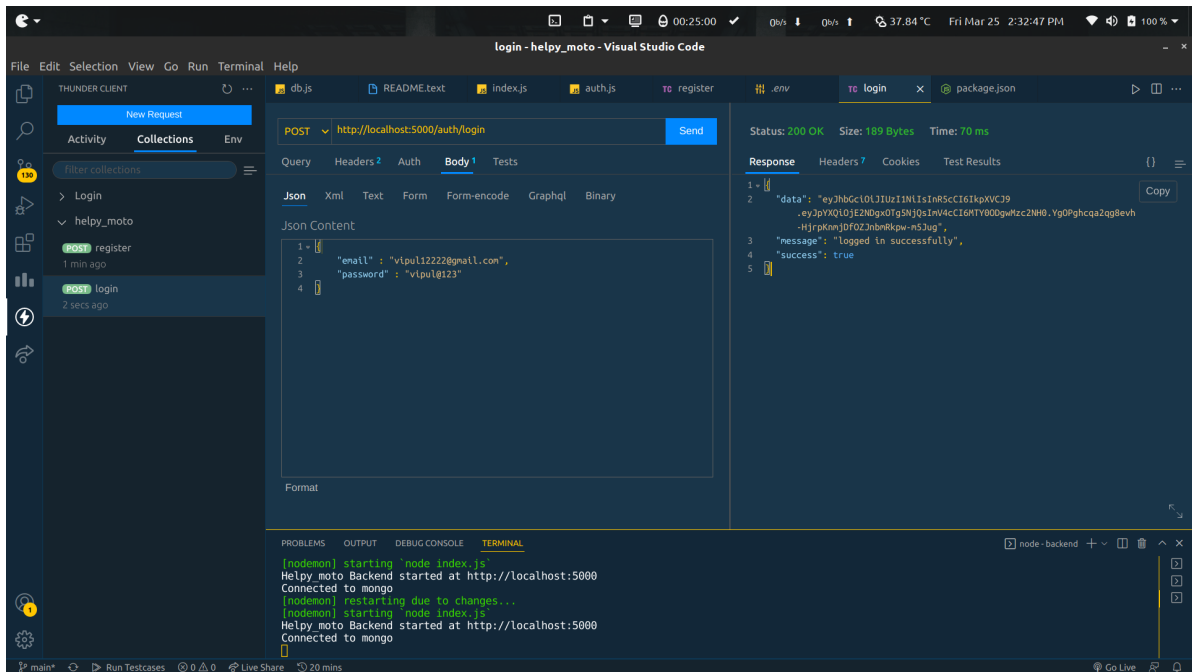


The screenshot shows the Visual Studio Code editor with the REST client interface open. The request is a POST to 'http://localhost:5000/auth/signup'. The JSON body is:

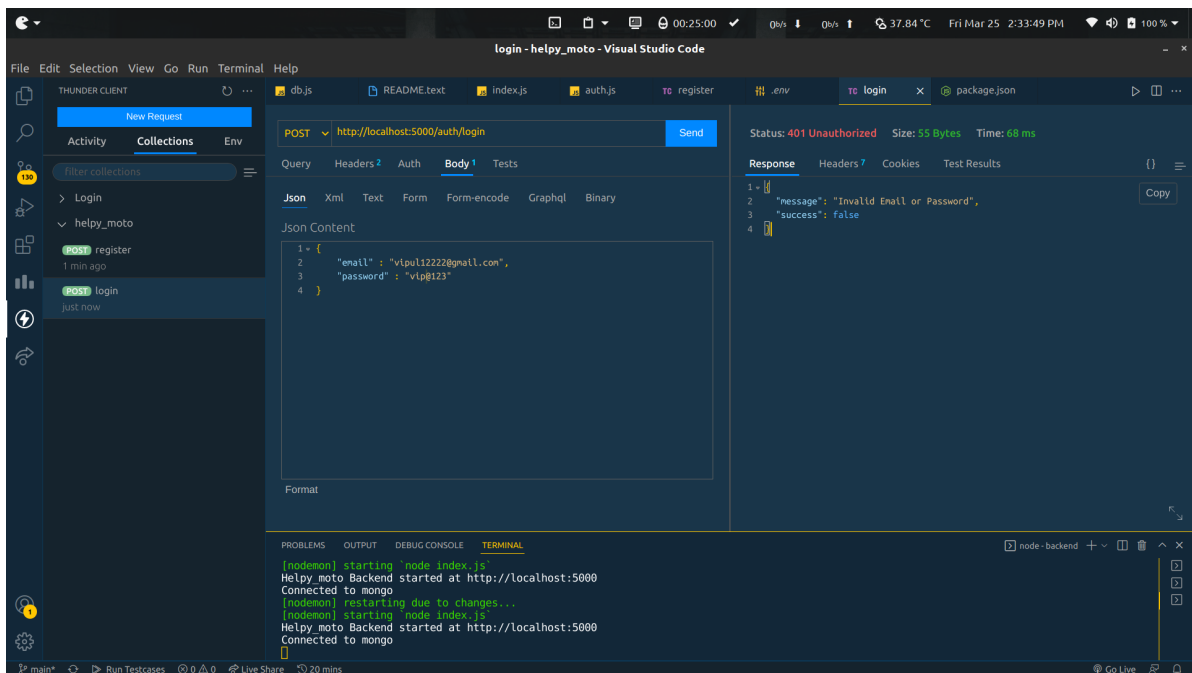
```
1 {
2   "name": "Vipul",
3   "email": "vipul1222@gmail.com",
4   "password": "vipul@123"
5 }
```

 The response is shown on the right, indicating a successful status 201 with the message: "Account created successfully" and "success": true. The terminal at the bottom shows the backend starting and connecting to MongoDB.

Log in successfull: (data is jwt token)

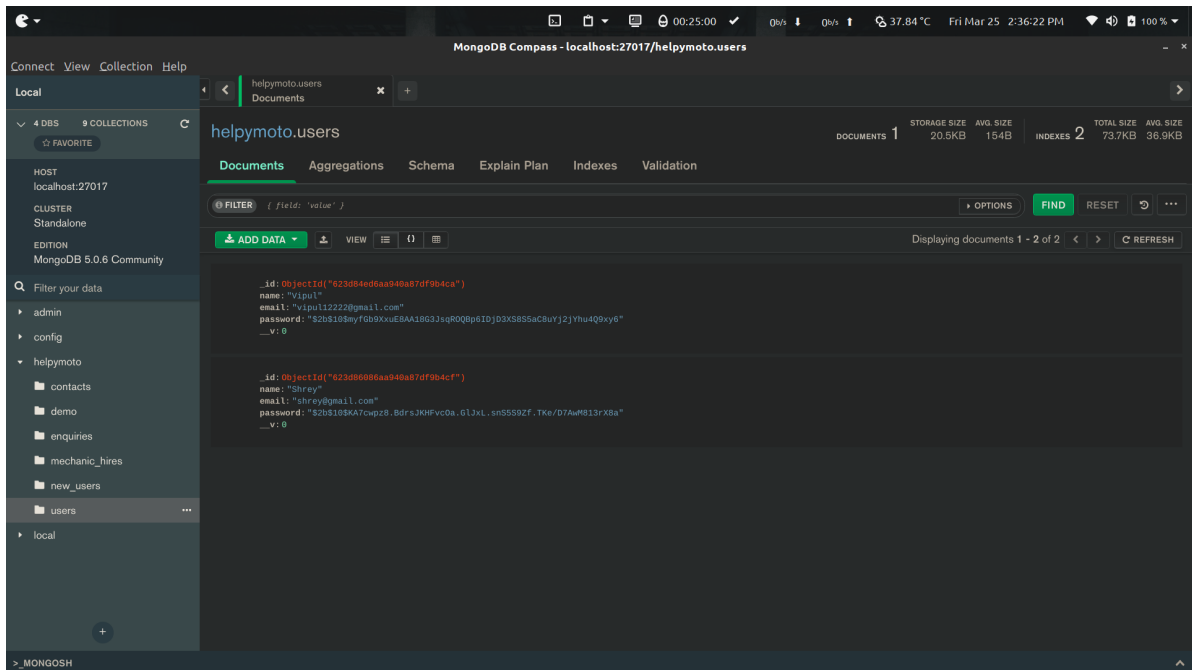


If password is wrong



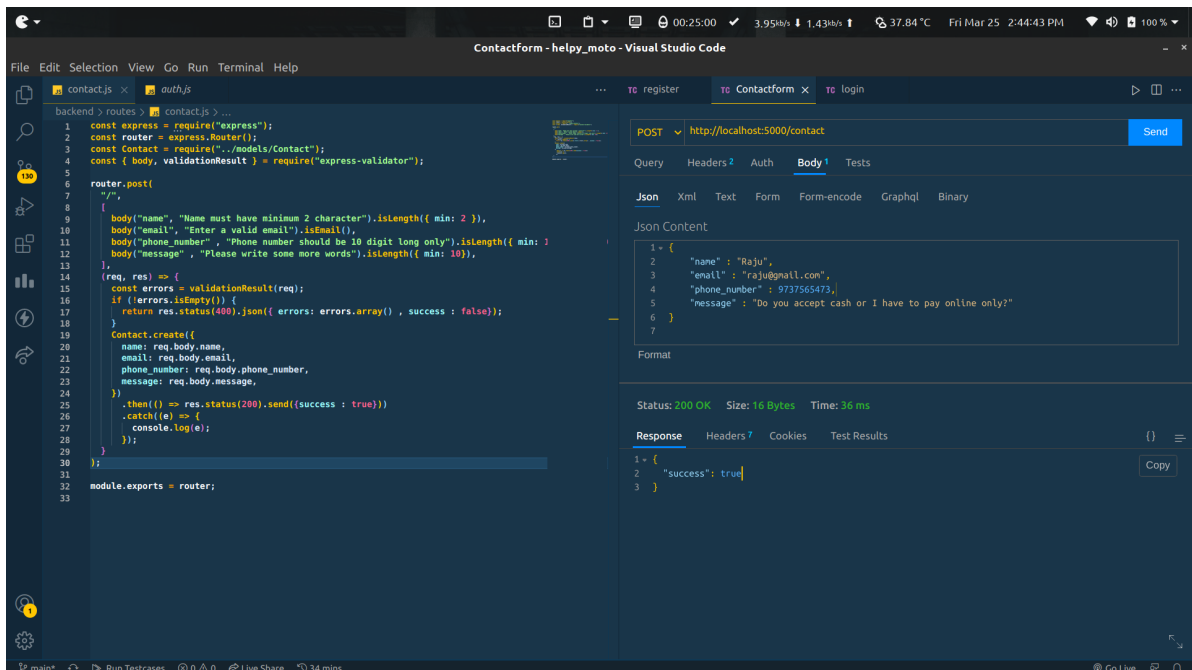
Note : in response **success** object value will be true **only if login is success or register is success**, We will use this value to conform on frontend.

User data on database:



Note : We are hashing user password for security purpose.

Contact form response:



Visual Studio Code interface showing a REST client request and response for a contact form API.

Request:

- Method: POST
- URL: http://localhost:5000/contact
- Body (JSON):

```
{  "name": "Shrey",  "email": "sanir@gmail.com",  "phone_number": "14567891",  "message": "message here and there"}
```

Response:

- Status: 400 Bad Request
- Size: 138 Bytes
- Time: 10 ms
- Body (JSON):

```
{  "errors": [    {      "value": "14567891",      "msg": "Phone number should be 10 digit long only",      "param": "phone_number",      "location": "body"    }  ],  "success": false}
```

MongoDB Compass interface showing the collection of helpmomo.contacts.

Collection: helpmomo.contacts

Documents:

- Document 1:

```
{  "_id": "623d87fb6985dc7ce11328d",  "name": "Raju",  "email": "raju@gmail.com",  "phone_number": "9737565473",  "message": "Do you accept cash or I have to pay online only?",  "_v": 0}
```
- Document 2:

```
{  "_id": "623d884fb6985dc7ce11328f",  "name": "Shrey",  "email": "sanir@gmail.com",  "phone_number": "1234567891",  "message": "message here and there",  "_v": 0}
```

Some other responses:

MongoDB Compass - localhost:27017/helpmoto.enquiries

Connect View Collection Help

Local

4 DBS 9 COLLECTIONS

HOST localhost:27017

CLUSTER Standalone

EDITION MongoDB 5.0.6 Community

Filter your data

- admin
- config
- helpmoto
 - contacts
 - demo
 - enquiries
 - mechanic_hires
 - new_users
 - users
- local

helpmoto.enquiries

Documents

DOCUMENTS 0 STORAGE SIZE 4.1KB AVG. SIZE 0B INDEXES 1 TOTAL SIZE 4.1KB AVG. SIZE 4.1KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' }

ADD DATA VIEW

Displaying documents 1 - 1 of 1

```
{ "_id": "ObjectId('623d89ac897b25f43e9e24f9")", "name": "Ramesh", "email": "ramesh@gmail.com", "enquiry": "Can You give service if I stuck at night time", "__v": 0 }
```

> _MONGOSH

MongoDB Compass - localhost:27017/helpmoto.mechanic_hires

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helpmoto.mechanic_hires

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```
{ "_id": "ObjectId('623d89ad093343ad61c6b7fd')", "location": "Gandhinagar", "vehicle_model": "Yamaha", "vehicle_number": "GJ302AB1122", "problem": "vehicle is not starting", "__v": 0 }
```

> _MONGOSH