

Node Auth Tutorial (JWT)

#4 - User Model



In this Node.js auth tutorial we'll create a User Model with Mongoose, which will be used to create new users and store them in our database.



express

- Create folder "models"
- Create file "User.js" in the folder "models"



```
const mongoose = require('mongoose');

const userSchema = new mongoose.Schema({
  email: {
    type: String,
    required: true,
    unique: true,
    lowercase: true,
  },
  password: {
    type: String,
    required: true,
    minlength: 6,
  }
});

const User = mongoose.model('user', userSchema);

module.exports = User;
```

```
const User = require("../models/User");
```

```
// controller actions
```

```
...
```

```
module.exports.signup_post = async (req, res) => {  
  const { email, password } = req.body;
```

```
  try {  
    const user = await User.create({ email, password });  
    res.status(201).json(user);  
  }  
  catch(err) {  
    console.log(err);  
    res.status(400).send('error, user not created');  
  }  
}
```

```
}
```

```
module.exports.login_post = async (req, res) => {  
  const { email, password } = req.body;  
  console.log(email, password);  
  res.send('user login');  
}
```

Insert code



POST

http://localhost:3000/signup

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```
1 {  
2   "email": "luigi@gmail.com",  
3   "password": "321123"  
4 }
```

Body

Cookies

Headers (7)

Test Results



201 Created

191 ms

328 B

Save Response

Pretty

Raw

Preview

Visualize

JSON



```
1 {  
2   "email": "luigi@gmail.com",  
3   "password": "321123",  
4   "_id": "612ce1f7961b7657538f9caf",  
5   "__v": 0  
6 }
```



POSTMAN



node-auth.users

COLLECTION SIZE: 79B TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 40KB

Find

Indexes

Schema Anti-Patterns 0

Aggregation

Search Indexes ●

INSERT DOCUMENT

FILTER

{ field: 'value' }

► OPTIONS

Apply

Reset

QUERY RESULTS 1-1 OF 1

```
_id: ObjectId("612ce1f7961b7657538f9caf")
email: "luigi@gmail.com"
password: "321123"
__v: 0
```



POST

http://localhost:3000/signup

Send

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

Beautify

1

2

3

Body

Cookies

Headers (7)

Test Results

400 Bad Request

20 ms

260 B

Save Response

Pretty

Raw


Preview

Visualize

HTML

1

error, user not created



POSTMAN