

# Forgot Password

## Backend : Node JS

routes >  user.route.js >

```
/*
Forgot password
*/

router.post('/forgot-password', (req, res) => {
  const {email} = req.body;
  User.findOne({email: email})
    .then(user => {
      if(!user) {
        return res.send({Status: "User not existed"})
      }
      const token = jwt.sign({id: user._id}, "jwt_secret_key", {expiresIn:
"1d"})
      var transporter = nodemailer.createTransport({
        service: 'gmail',
        auth:{
          user:'esps421@gmail.com',
          pass:'lnrqjuzysshlpem'
        },
        tls:{
          rejectUnauthorized:false
        }
      });

      var mailOptions = {
        from: '"verify your email " <esps421@gmail.com>',
        to: email,
        subject: 'Reset Password Link',
        text: `http://localhost:3000/reset_password/${user._id}/${token}`
      };

      transporter.sendMail(mailOptions, function(error, info){
        if (error) {
          console.log(error);
        } else {
          console.log(info)
        }
        return res.send({Status: "Success"})
      })
    })
})
```

```

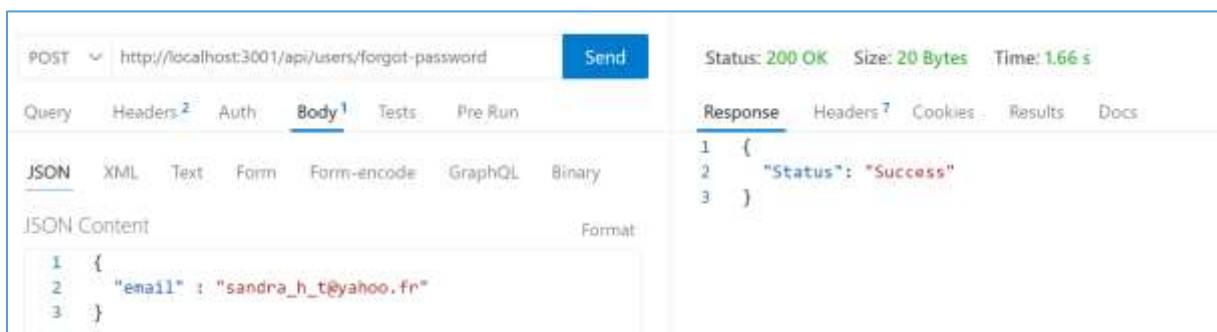
    }
  });
})
})

/*
Reset Password
*/

router.post('/reset_password/:id/:token', async(req, res) => {
  const {id, token} = req.params
  const {password} = req.body

  jwt.verify(token, "jwt_secret_key", async (err, decoded) => {
    if(err) {
      return res.json({Status: "Error with token"})
    } else {
      const salt=await bcrypt.genSalt(10);
      await bcrypt.hash(password,salt)
        .then(hash => {
          User.findByIdAndUpdate({_id: id}, {password: hash})
            .then(u => res.send({Status: "Success"}))
            .catch(err => res.send({Status: err}))
        })
        .catch(err => res.send({Status: err}))
    }
  })
})
})
})

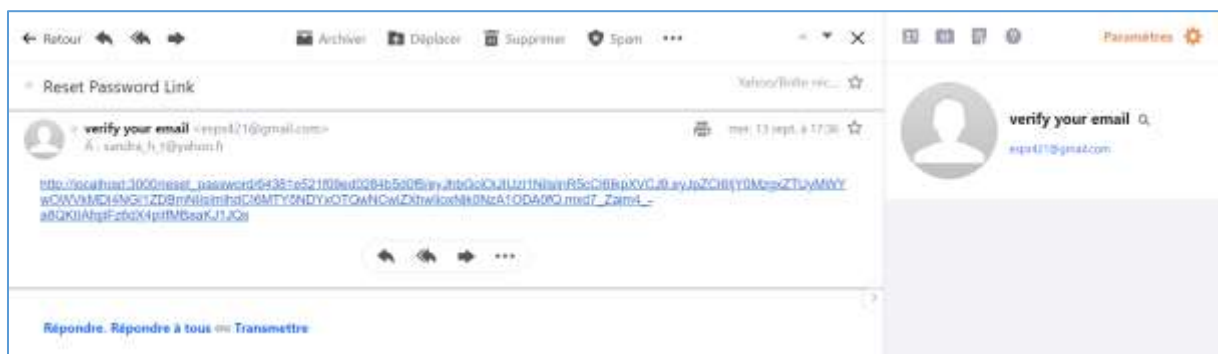
```



```

Server is listening on port 3001
Connexion à la base de données réussie
{
  accepted: [ 'sandra_h_t@yahoo.fr' ],
  rejected: [],
  ehlo: [
    'SIZE 35082577',
    '8BITMIME',
    'AUTH LOGIN PLAIN XOAUTH2 PLAIN-CLIENTTOKEN OAUTHBEARER XOAUTH',
    'ENHANCEDSTATUSCODES',
    'PIPELINING',
    'CHUNKING',
    'SMTPUTF8'
  ],
  envelopeTime: 281,
  messageTime: 528,
  messageSize: 555,
  response: '250 2.0.0 OK 1694615218 s17-20020adff811000000b0030ada01ca78sm15564790wrp.10 - gsmt',
  envelope: { from: 'esps421@gmail.com', to: [ 'sandra_h_t@yahoo.fr' ] },
  messageId: '<3b95a2d0-0112-60a3-2751-e64708415ec0@gmail.com>'
}

```



## Front end : React Js

front > src > JS App.js >

```

import ForgotPassword from './components/admin/ForgotPassword'
import ResetPassword from './components/admin/ResetPassword'

```

```

<Route path="/forgot-password" element={<ForgotPassword />}></Route>
<Route path="/reset_password/:id/:token" element={<ResetPassword />}></Route>

```

front > src > components > admin > JS Login.js >

```

<Link href="#" to="/forgot-password" variant="body2">
  Forgot password?

```

[</Link>](#)

front > src > services > JS Authservice.js >

```
import Api from '../Axios/Api';
const USER_API="users"

export const forgot=async(email)=> {
  return await Api.post(USER_API+"/forgot-password", {email});
}

export const resetPass=async(id,token,password)=> {
  return await Api.post(USER_API+"/reset_password/"+ id+ '/' + token,
    {password});
}
```

front > src > components > admin > JS ForgotPassword.js >

```
import React from 'react'
import { useState } from "react";
import { useNavigate } from "react-router-dom";
import {forgot} from "../../services/Authservice";

function ForgotPassword() {
  const [email, setEmail] = useState()
  const navigate = useNavigate()

  const handleSubmit = async(e) => {
    e.preventDefault()
    await forgot(email)
    .then(res => {
      if(res.data.Status === "Success") {
        navigate('/login')
      }
    })
    .catch(err => console.log(err))
  }

  return(
    <div className="d-flex justify-content-center align-items-center bg-secondary vh-100">
      <div className="bg-white p-3 rounded w-25">
```

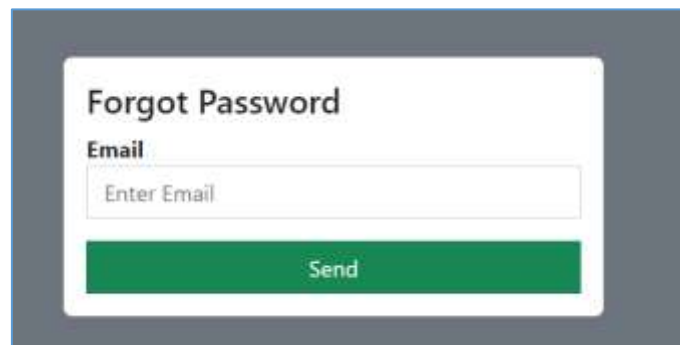
```

    <h4>Forgot Password</h4>
    <form onSubmit={handleSubmit}>
      <div className="mb-3">
        <label htmlFor="email">
          <strong>Email</strong>
        </label>
        <input
          type="email"
          placeholder="Enter Email"
          autoComplete="off"
          name="email"
          className="form-control rounded-0"
          onChange={(e) => setEmail(e.target.value)}
        />
      </div>
      <button type="submit" className="btn btn-success w-100 rounded-0">
        Send
      </button>
    </form>

  </div>
</div>
)
}

export default ForgotPassword;

```



front > src > components > admin > JS ResetPassword.js >

```

import React from 'react'
import { useState } from "react";
import { useNavigate, useParams } from "react-router-dom";
import { resetPass } from "../../services/Authservice";

function ResetPassword() {
  const [password, setPassword] = useState()
  const navigate = useNavigate()

```

```

const {id, token} = useParams()

const handleSubmit = async (e) => {
  e.preventDefault()
  await resetPass(id,token,password)
  .then(res => {
    if(res.data.Status === "Success") {
      navigate('/login')
    }
  }).catch(err => console.log(err))
}

return(
  <div className="d-flex justify-content-center align-items-center bg-
secondary vh-100">
    <div className="bg-white p-3 rounded w-25">
      <h4>Reset Password</h4>
      <form onSubmit={handleSubmit}>
        <div className="mb-3">
          <label htmlFor="email">
            <strong>New Password</strong>
          </label>
          <input
            type="password"
            placeholder="Enter Password"
            autoComplete="off"
            name="password"
            className="form-control rounded-0"
            onChange={(e) => setPassword(e.target.value)}
          />
        </div>
        <button type="submit" className="btn btn-success w-100 rounded-0">
          Update
        </button>
      </form>

    </div>
  </div>
)
}

export default ResetPassword;

```

Email Address \*

Password \*

☐ Remember me

SIGN IN

[Forgot password?](#) [Don't have an account? Sign Up](#)

```
[data: {}, status: 200, statusText: 'OK', headers: AxiosHeaders, config: {}], ...  
  * config: {transform: [...], adapter: Array(2), transformRequest: Array  
  * data: {Status: 'Success'}  
  * headers: AxiosHeaders {content-length: '18', content-type: 'application  
  * request: XMLHttpRequest {onreadystatechange: null, readyState: 4, time  
    status: 200  
    statusText: 'OK'  
  * [[Prototype]]: Object
```

Retour

Archiver

Déplacer

Supprimer

Spam

Paramètres

Reset Password Link

verify your email

esp4121@gmail.com

mai 13 sept. à 17:36

<mailto:esp4121@gmail.com>

[http://localhost:3000/reset\\_password/4435e521f0bed0284b50669yJtbQcQJlUz1NlWmRSsCIBBpXVCJ0ayJpZChB\(YDMepxZTUyMYWwQWVhMzQ4NSY1ZD9mVl9mfmstCjMlTY5NDYxOTQwNjCwZXBwKXh0b3RzA1ODAwQmM7\\_CameL-adQK0AtpFz60K4pffMBsoKJ1aQa](#)

Répondre Répondre à tous Transmettre

localhost:3000/reset\_password/4435e521f0bed0284b50669yJtbQcQJlUz1NlWmRSsCIBBpXVCJ0ayJpZChB(YDMepxZTUyMYWwQWVhMzQ4NSY1ZD9mVl9mfmstCjMlTY5NDYxOTQwNjCwZXBwKXh0b3RzA1ODAwQmM7\_CameL-adQK0AtpFz60K4pffMBsoKJ1aQa

Reset Password

New Password

Enter Password

Update

Reset Password

New Password

\*\*\*\*\*

Update

