Continuing from the pervious lesson, Let's implement Reset password functionality as well.

When user inputs his/her email address and asks for password reset. We send them email with the clickable link. That link contains a url along with the token. The url is the domain name of your client side app set in your Node API's .env file by the name of CLIENT\_URL followed by /reset-password/token.

Once the link is clicked by user, our app (frontend) will have to grab the token from the url. It's possible to grab the token from url, thanks to route params provided by react-router-dom.

So lets go ahead and grab that token from the url, and make a PUT request to the Node API (backend) along with token, and **new password**. If the token is valid and the user with that token (resetPasswordLink) is found in the database, our backend will update that user's password. Then user will be able to login with his new password.

**/react-front/src/user/ResetPassword.js**

import React, { Component } from "react";

import { resetPassword } from "../auth";

class ResetPassword extends Component {

constructor(props) {

super(props);

this.state = {

newPassword: "",

message: "",

error: ""

};

}

resetPassword = e => {

e.preventDefault();

this.setState({ message: "", error: "" });

resetPassword({

newPassword: this.state.newPassword,

resetPasswordLink: this.props.match.params.resetPasswordToken

}).then(data => {

if (data.error) {

console.log(data.error);

this.setState({ error: data.error });

} else {

console.log(data.message);

this.setState({ message: data.message, newPassword: "" });

}

});

};

render() {

return (

<div className="container">

<h2 className="mt-5 mb-5">Reset your Password</h2>

{this.state.message && (

<h4 className="bg-success">{this.state.message}</h4>

)}

{this.state.error && (

<h4 className="bg-warning">{this.state.error}</h4>

)}

<form>

<div className="form-group mt-5">

<input

type="password"

className="form-control"

placeholder="Your new password"

value={this.state.newPassword}

name="newPassword"

onChange={e =>

this.setState({

newPassword: e.target.value,

message: "",

error: ""

})

}

autoFocus

/>

</div>

<button

onClick={this.resetPassword}

className="btn btn-raised btn-primary"

>

Reset Password

</button>

</form>

</div>

);

}

}

export default ResetPassword;

Let's also import this ResetPassword component into MainRouter.js and use as a route.

**/react-front/src/MainRouter.js**

// import on top

import ResetPassword from "./user/ResetPassword";

// add route inside <Switch></Switch>

// put after ForgotPassword Route

<Route

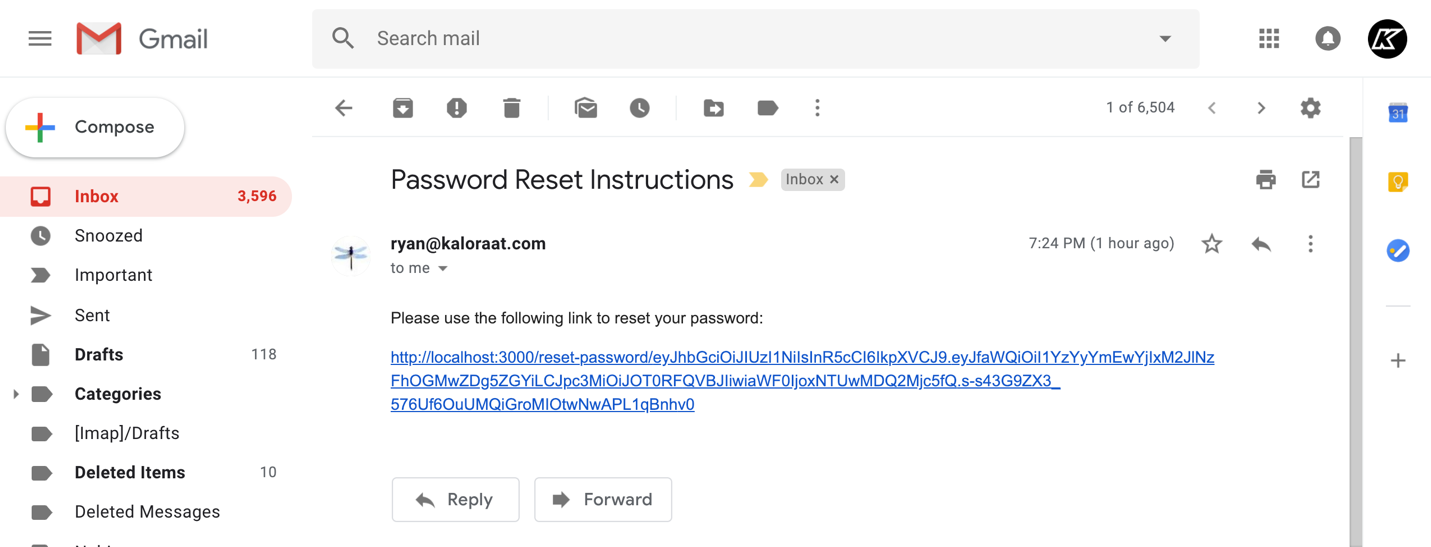
exact

path="/reset-password/:resetPasswordToken"

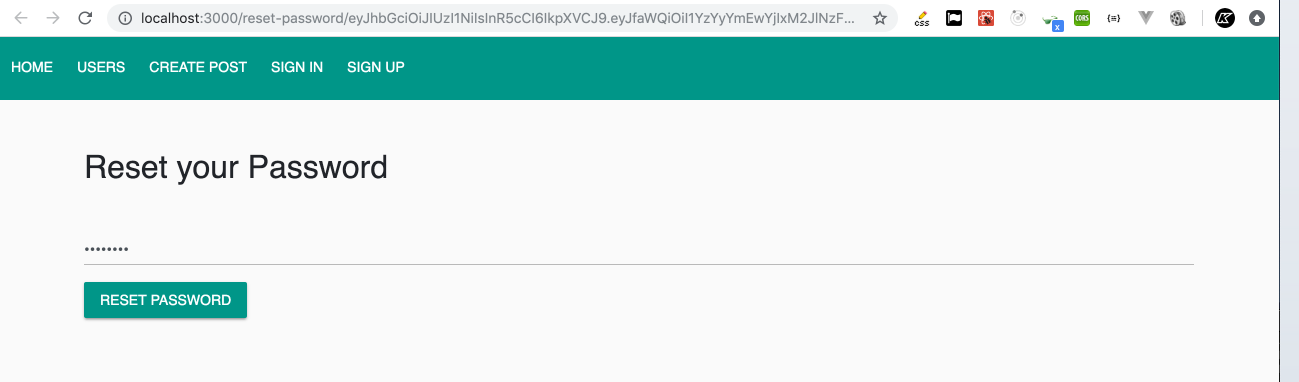
component={ResetPassword}

/>

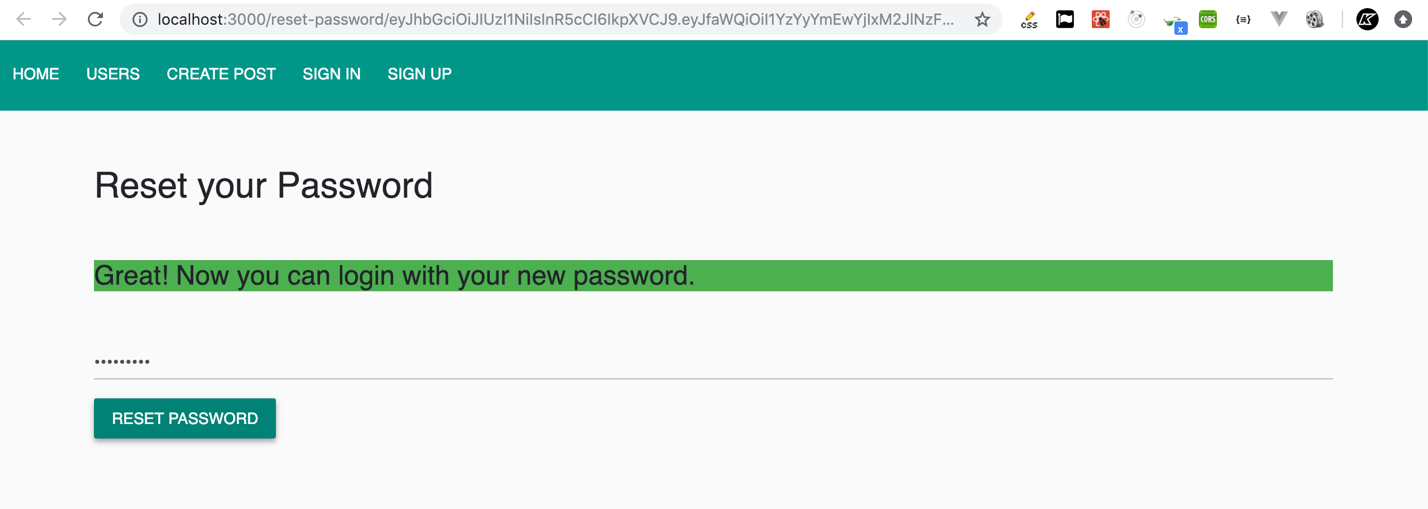
Now users will be able to click on the **email** sent to them to reset their password. Upon clicking on that link, they will be taken to our app (frontend), where the url will be similar to this: **domain.com/reset-password/token**



Once the link is clicked, This is where they will be landed. They can enter their new password and hit the button.



Then user will see the following success message.



Now user can login with his/her new password. This is the end of reset password.

Thank you