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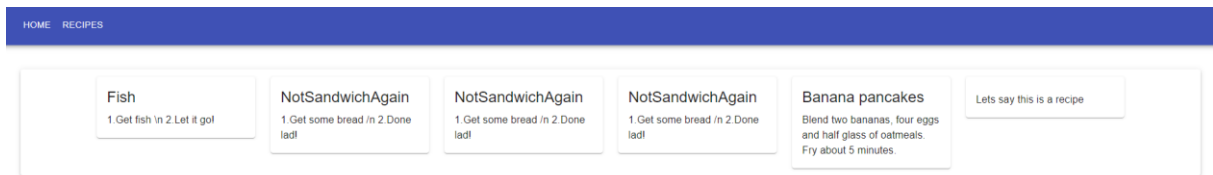
WIMiP, IS

293130

Internet Engineering report

What has been done:

Get all endpoint:



Recipe component



This component shows all recipes from DB and allows user to add new recipe by clicking on pink plus button in the bottom right corner.

Code:

```

import React, { useState, useEffect } from "react";
import axios from "axios";

import { Grid, Typography, Paper } from "@material-ui/core";
import { Card, CardActionArea, CardContent } from "@material-ui/core";
import { Link } from "react-router-dom"

import FAB_BOTTOM from './FAB_BOTTOM'

function RecipesList() {
  const [recipes, setRecipes] = useState([]);

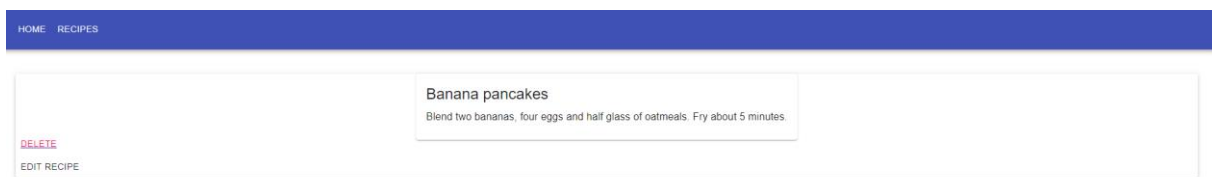
  useEffect(() => {
    async function fetchRecipes() {
      const res = await axios.get("http://localhost:8080/recipes");
      setRecipes(res.data);
    }
    fetchRecipes();
  }, []);

  return (
    <div style={{ marginTop: 20, padding: 30 }}>
      <Paper elevation={3}>
        <Grid container spacing={3} justify="center">
          {recipes.map((recipe) => (
            <Grid item="xs" key={recipe.id} color="secondary">
              <Card style={{width: "250px"}}>
                <CardActionArea component={Link} to={'/recipes/' + recipe.id}>
                  <CardContent>
                    <Typography gutterBottom variant="h5" component="h2">
                      {recipe.title}
                    </Typography>
                    <Typography component="p">{recipe.recipe}</Typography>
                  </CardContent>
                </CardActionArea>
              </Card>
            </Grid>
          ))}
        </Grid>
        <FAB_BOTTOM />
      </Paper>
    </div>
  );
}

export default RecipesList;

```

Get one recipe:



This view allow user to see details, edit and delete recipe.

Code:

```
import React, { Component } from 'react'
import { Grid, Typography, Paper } from "@material-ui/core";
import { Card, CardContent } from "@material-ui/core";
import axios from 'axios';
import Button from '@material-ui/core/Button'
import EDIT from "../EDIT.js"
import { Link } from "react-router-dom"

class Recipe extends Component {
  state = {
    oldRecipe: [],
  }

  componentDidMount() {
    axios.get('http://localhost:8080/recipes/' + this.props.match.params.recipe_id).then((response) => {
      this.setState({
        oldRecipe: response.data
      })
    });
  }

  deleteAction = () => {
    axios.delete("http://localhost:8080/recipes/" + this.state.oldRecipe.id)
      .then()
  }

  render() {
    return (
      <div className="container" style={{ marginTop: 20, padding: 30 }}>
        <Paper elevation={3}>
          <Grid container spacing={3} justify="center">
            <Card style={{ width: "auto"}}>
              <CardContent>
                <Typography gutterBottom variant="h5" component="h2">...
                <Typography component="p">{this.state.oldRecipe.recipe}</Typography>
              </CardContent>
            </Card>
          </Grid>
          <Link to="/recipes">
            <Button color='secondary' onClick={this.deleteAction}>DELETE</Button>
          </Link>
          <EDIT recipe_id={this.state.oldRecipe.id}/>
        </Paper>
      </div>
    )
  }
}

export default Recipe;
```

Edit recipe:

× Edit recipe SAVE

Blend two bananas, four eggs and half glass of oatmeals. Fry about 5 minutes.

⌚ Time to cook

€ Cost of one portion in euro

This view does not work as intended: title field is being hidden veiled by blue navigation bar, and communication with server doesn't work at all. Title, recipe, time to cook and price are being fetched by axios get when user clicks on Edit button (see get one recipe).

Code:

```

import TextField from "@material-ui/core/TextField";
import { Grid } from "@material-ui/core";
import Euro from "@material-ui/icons/Euro";
import Timer from "@material-ui/icons/Timer";
import axios from 'axios';

class EDIT extends Component {

  constructor(props) {
    super(props)
    this.state = {}
  }

  handleOpen = () => {
    this.setState({ open: true });
    axios.get('http://localhost:8080/recipes/' + this.props.recipe_id).then((response) => {
      this.setState({
        oldRecipe: response.data
      })
      console.log(response.data)
    });
  };

  handleClose = () => { ...
  };

  handleSubmit = () => {
    var titl = this.state.title
    var recip = this.state.recipe
    var tim = this.state.time
    var pric = this.state.price
    axios.put("http://localhost:8080/recipes/" + this.props.recipe_id, {titl, recip, tim, pric})
      .catch(function (error) { console.log(error) })
      .then(response => { console.log(response) })


    this.handleClose();
  };

  render() {
    return (
      <div>
        <Button onClick={this.handleOpen}>Edit recipe</Button>

        <Dialog
          open={this.state.open}
          onClose={this.handleClose}
          fullScreen="true">

```


Add recipe:

 Add new recipe


Title

How it is made

Time to cook

 0

Cost of one portion in euro

 0

This dialog shows when user click on pink plus button (see get all screen), allowing user to add new recipe.

Code:

```

const [newTime, setTime] = useState(0);

const handleOpen = () => {
  setOpen(true);
};

const handleClose = () => {
  setOpen(false);
};

const handleSubmit = (e) => {
  e.preventDefault();

  axios.post("http://localhost:8080/recipes", {
    "title": newTitle,
    "recipe": newRecipe,
    "time": newTime,
    "price": newPrice
  }).then(response => {
    console.log(response.data)
  })
  handleClose();
};

return (
  <div>
    <Fab color="secondary" className={classes.fab} onClick={handleOpen}>
      <AddIcon />
    </Fab>
    <Dialog
      className={classes.dialog}
      open={open}
      onClose={handleClose}
      aria-labelledby="form-dialog-title"
      fullscreen="true">
      <AppBar className={classes.appBar}>
        <Toolbar>
          <IconButton ...
          <Typography variant="h6" className={classes.title}> ...
          <Link to="/recipes">
            <Button autoFocus color="secondary" onClick={handleSubmit}>
              Save
            </Button>
          </Link>
        </Toolbar>
      </AppBar>
      <form className={classes.form} noValidate autoComplete="off" onSubmit={handleSubmit}>

```

Delete recipe:

Code:

```
deleteAction = () => {  
    axios.delete("http://localhost:8080/recipes/" + this.state.oldRecipe.id)  
    .then()  
}
```

Get all axios:

```
useEffect(() => {  
    async function fetchRecipes() {  
        const res = await axios.get("http://localhost:8080/recipes");  
        setRecipes(res.data);  
    }  
    fetchRecipes();  
}, []);
```

Get one axios:

```
componentDidMount() {  
    axios.get('http://localhost:8080/recipes/' + this.props.match.params.recipe_id).then((response) => {  
        this.setState({  
            oldRecipe: response.data  
        })  
    });  
}
```

Post new recipe:

```
const handleSubmit = (e) => {  
    e.preventDefault();  
  
    axios.post("http://localhost:8080/recipes", {  
        "title": newTitle,  
        "recipe": newRecipe,  
        "time": newTime,  
        "price": newPrice  
    }).then(response => {  
        console.log(response.data)  
    })  
    handleClose();  
};
```


Edit recipe:

```
handleSubmit = () => {
  var titl = this.state.title
  var recip = this.state.recipe
  var tim = this.state.time
  var pric = this.state.price
  axios.put("http://localhost:8080/recipes/" + this.props.recipe_id, {ti
tl, recip, tim, pric})
    .catch(function (error) { console.log(error) })
    .then(response => { console.log(response) })

  this.handleClose();
};
```

Routing:

```
<BrowserRouter>
  <div className="App">
    < TOP_BAR />
    <Route exact path="/" component={Home}/>
    <Route exact path="/recipes" component={RecipesList}/>
    <Route path="/recipes/:recipe_id" component={Recipe}/>
  </div>
</BrowserRouter>
```