

**Micro Projet**

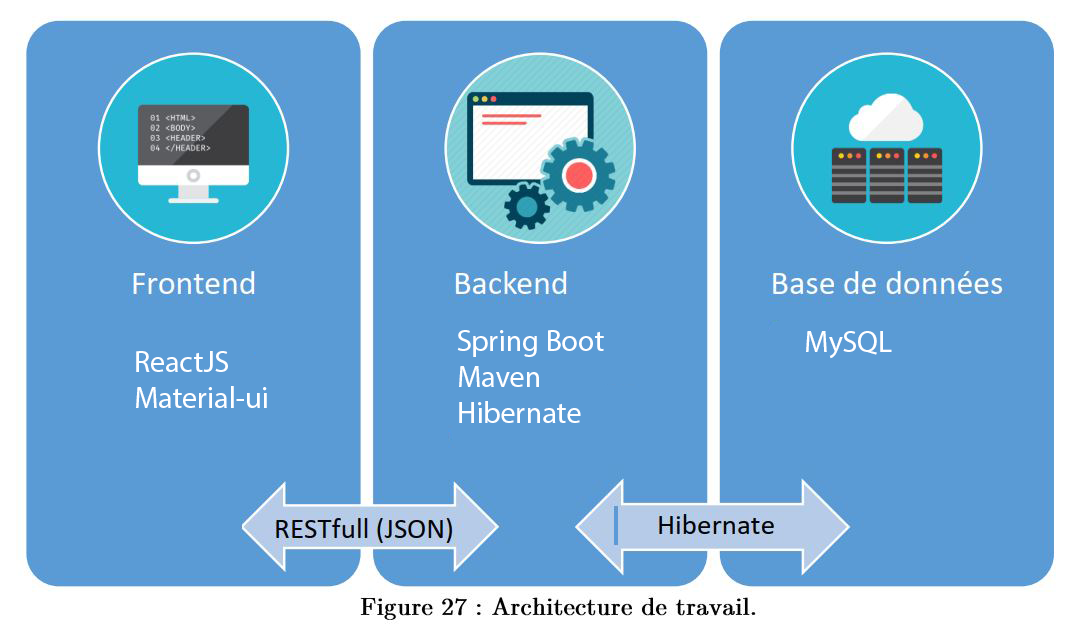
**Réalisation d'un site web pour l’achat de la musique avec Spring Boot , Maven ,ReactJs ,Material-UI et MySQL .**

**Hmimssa Soufiane**

**2020/2021**

**Objectif :**

Réalisation d'un site web pour l’achat de la musique  l'architecture utilise tout au long du developpement est divise en trois parties.

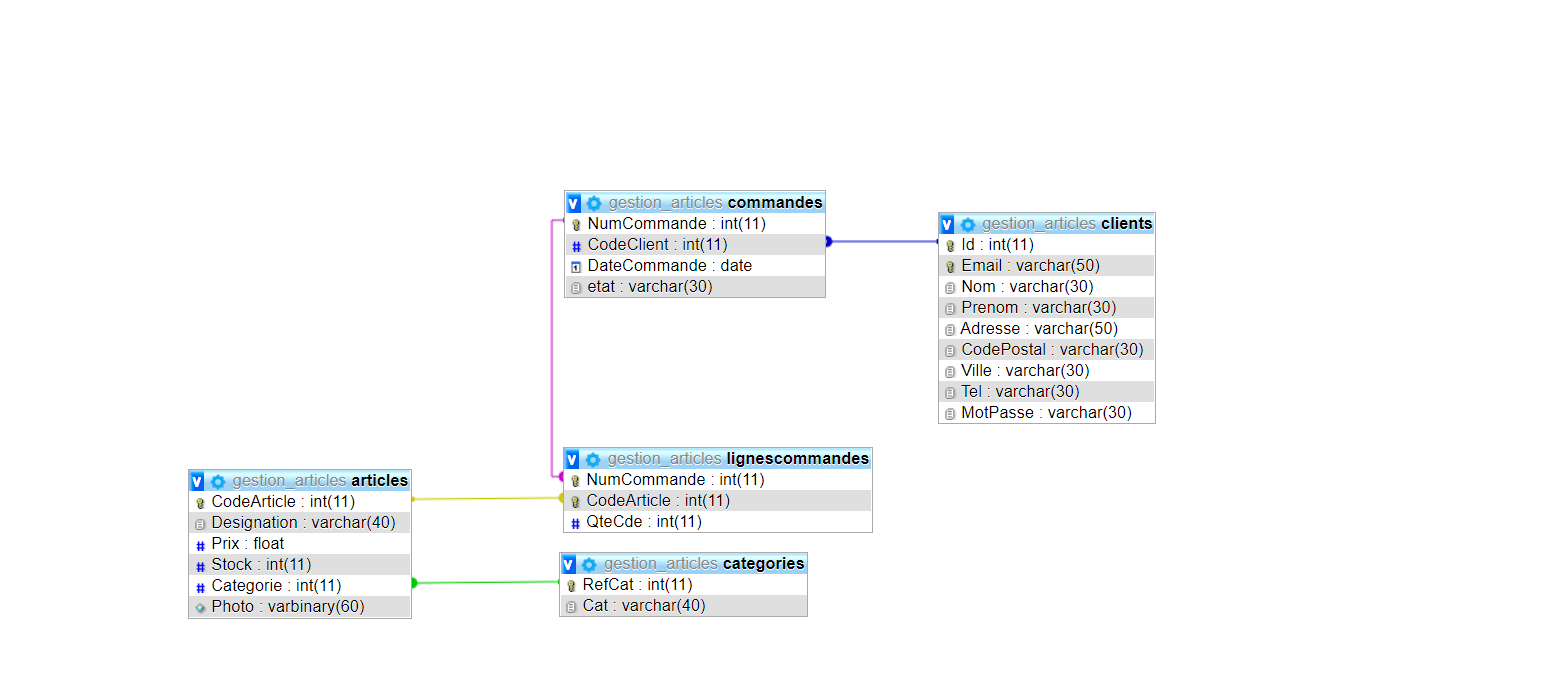


**Les outils de développement utilisés :**

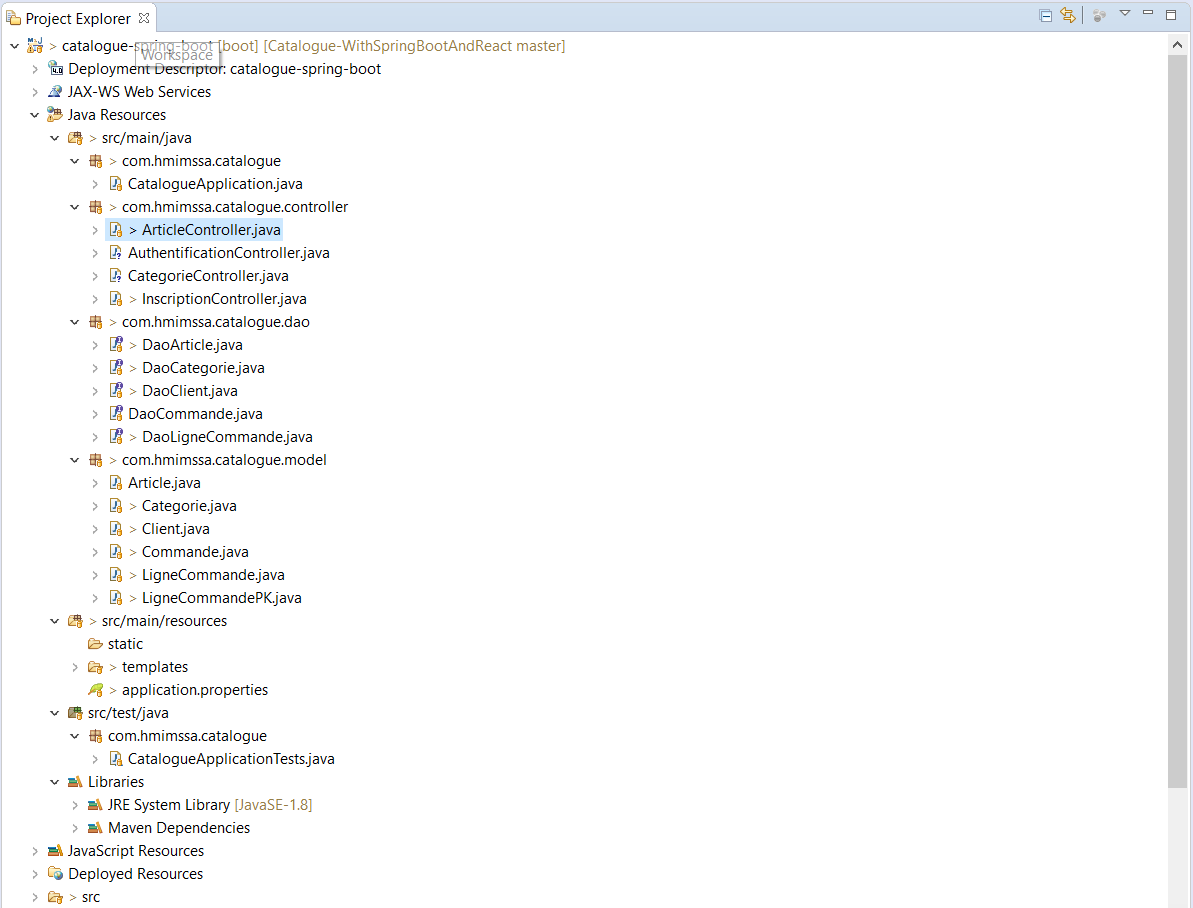
|  |  |
| --- | --- |
| ⮚ Material UI : C:\Users\LENOVO 510\Desktop\logo.png | ⮚ Spring Boot :  C:\Users\LENOVO 510\Desktop\unnamed.png |
| ⮚ ReactJS :  C:\Users\LENOVO 510\Desktop\react.png | ⮚ **MySql :**  C:\Users\LENOVO 510\Desktop\EST ESSAOUIRA\0_vxsZyZXf_IEC0YmE.png |
| ⮚ Hibernate :  C:\Users\LENOVO 510\Desktop\1uNl_IZX.png | ⮚ **Maven:**  C:\Users\LENOVO 510\Desktop\EST ESSAOUIRA\1_qxGkT_JGyTjnoIkWE5sfwg.png |

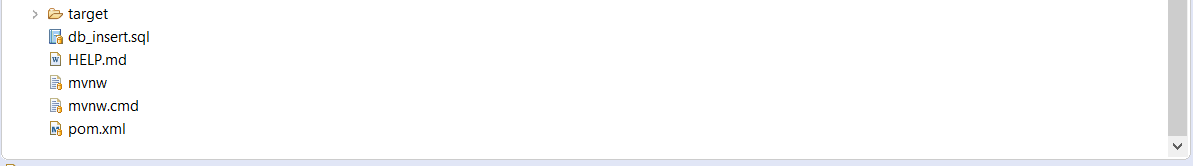
Notre base de données

Cette base de donne a été générer par **Hibernate**

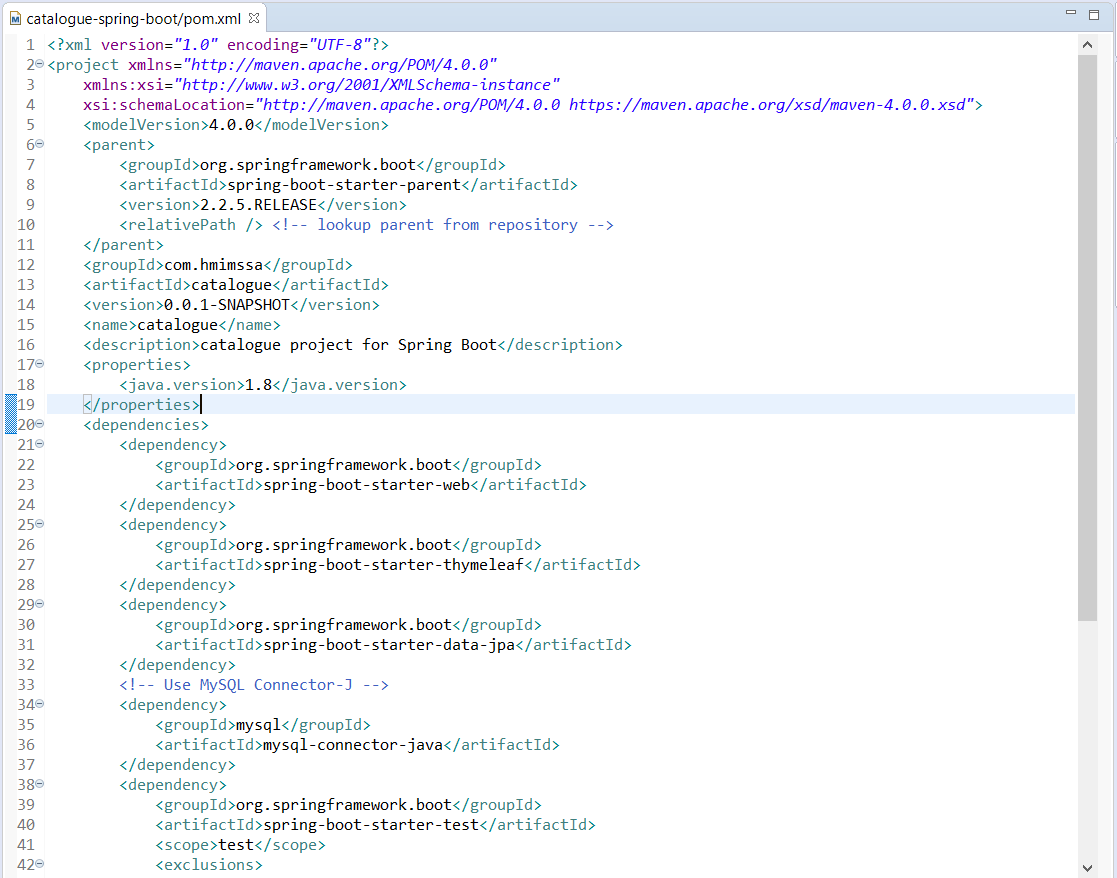


**Structure de Projet Back-end**



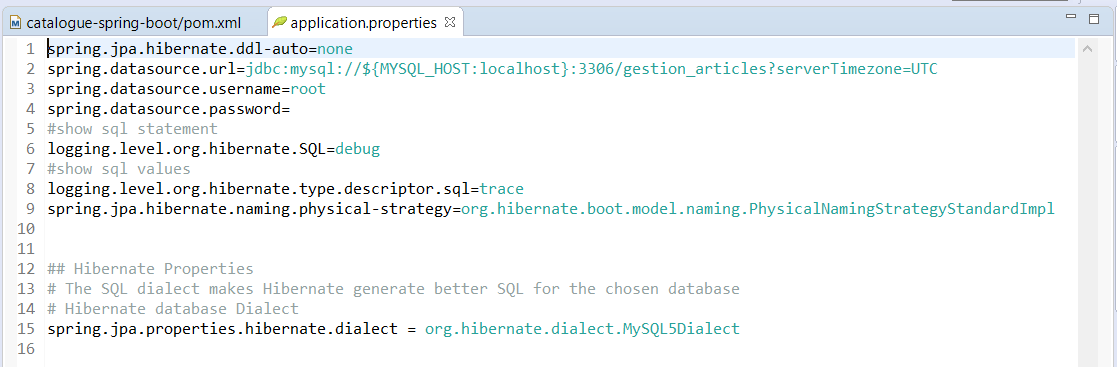


**Configuration du fichier POM.XML**

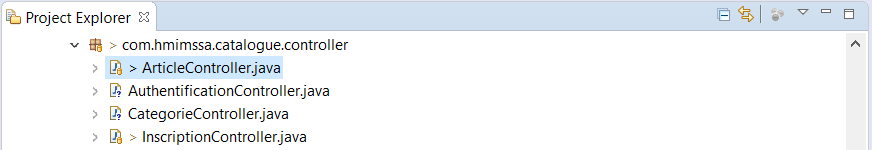




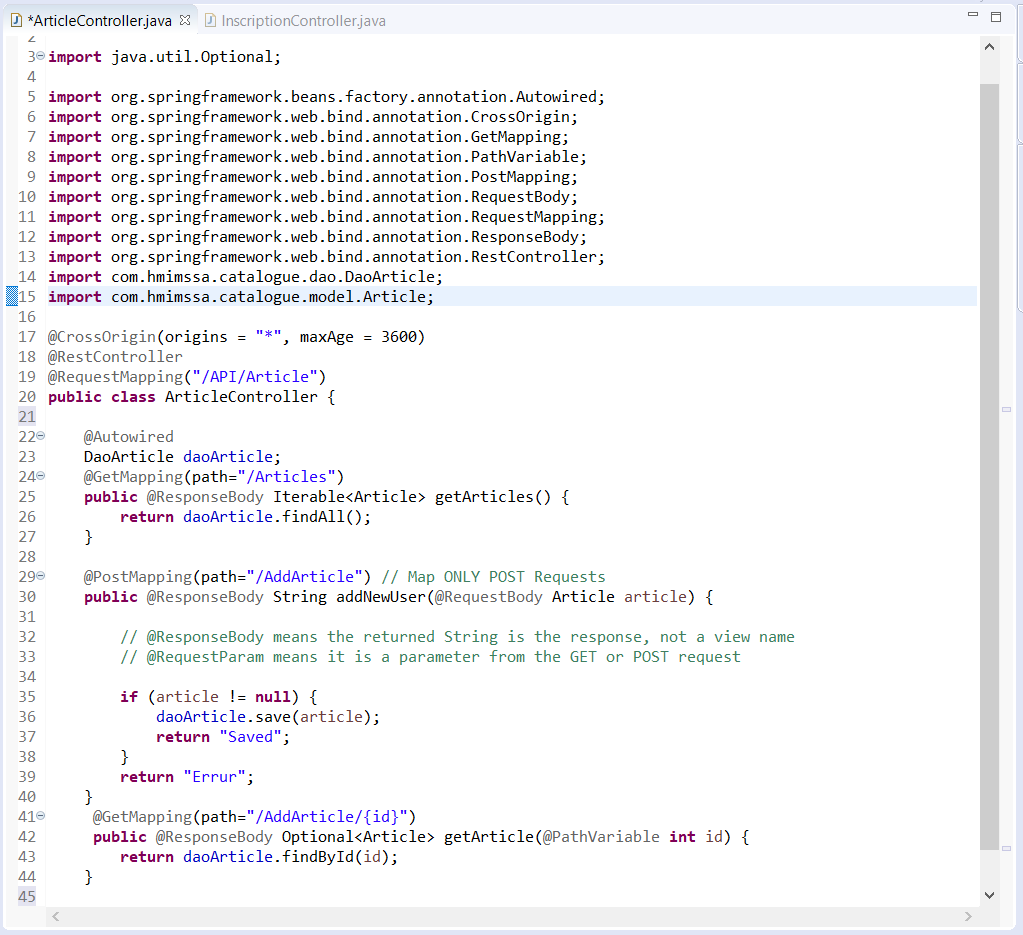
**Configuration du fichier application.properties**



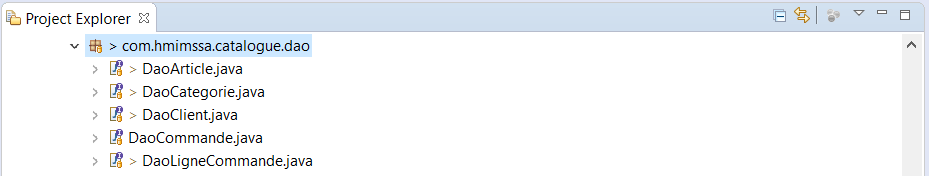
**Couche Controller**



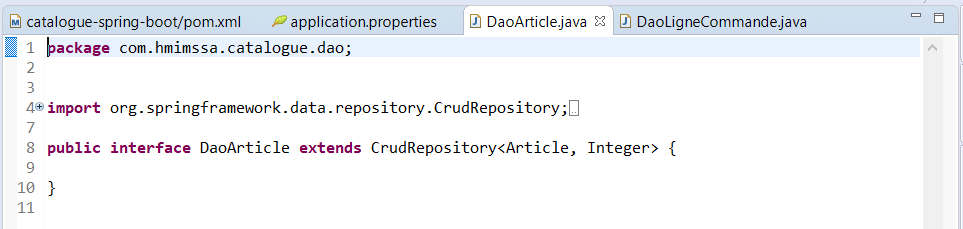
**Exemple contrôleur d'Article :**



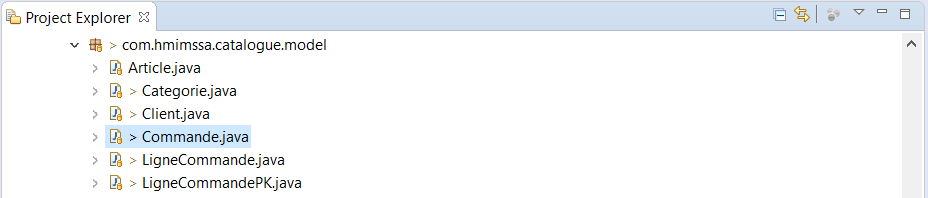
**Couche Dao**



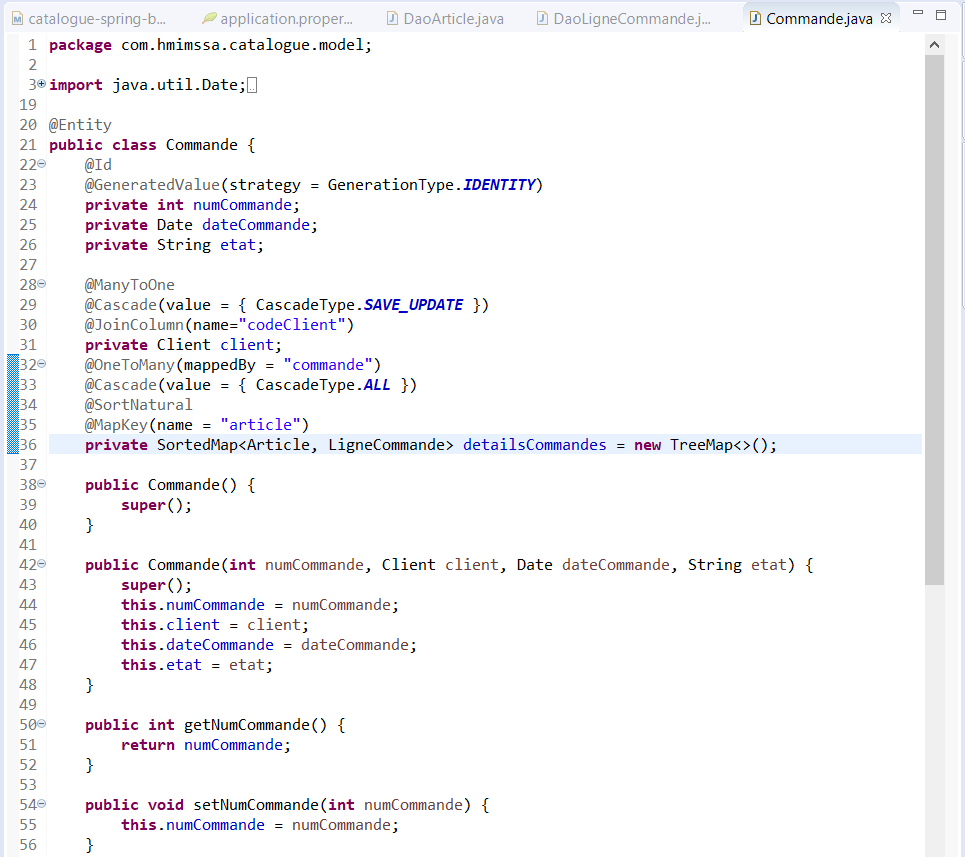
**Exemple :**

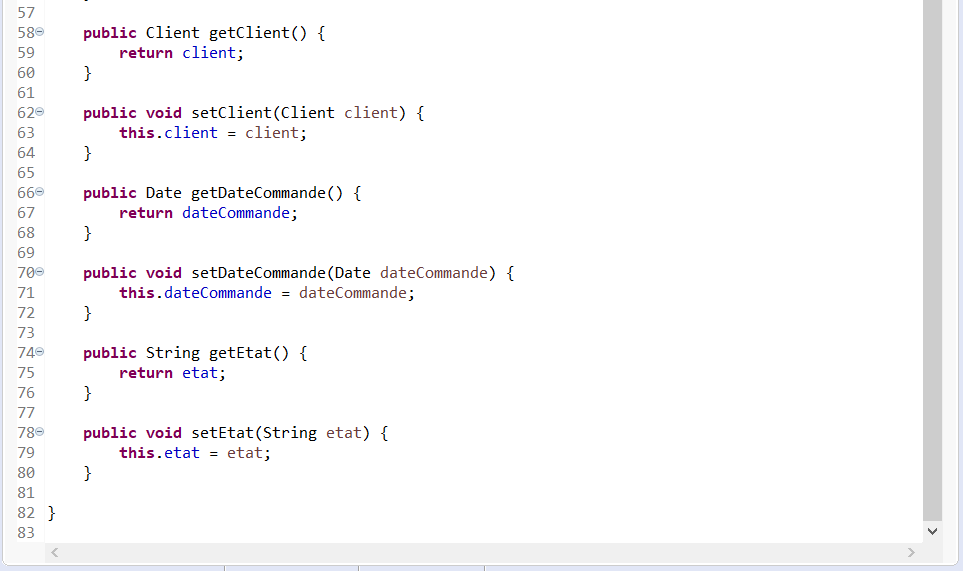


**Couche Métier**

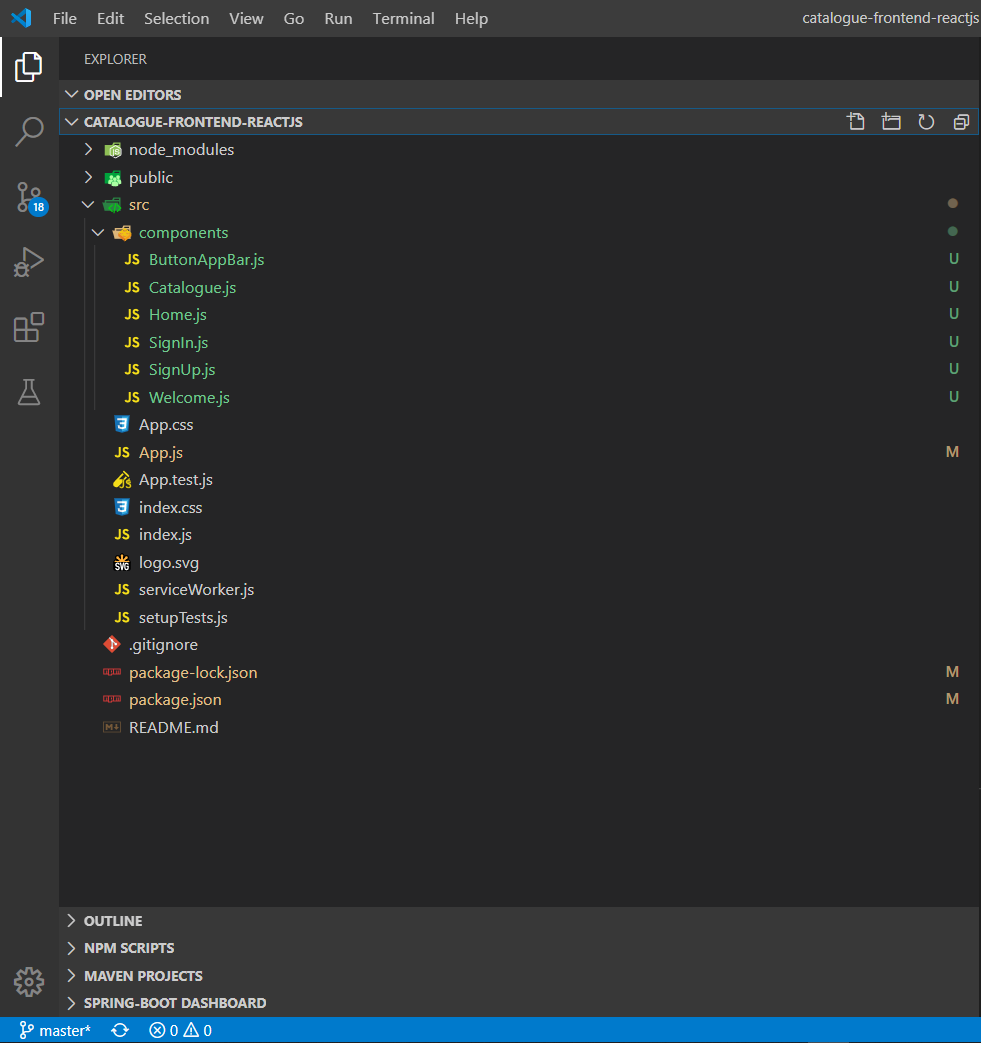


**Exemple de class commande de couche metier**

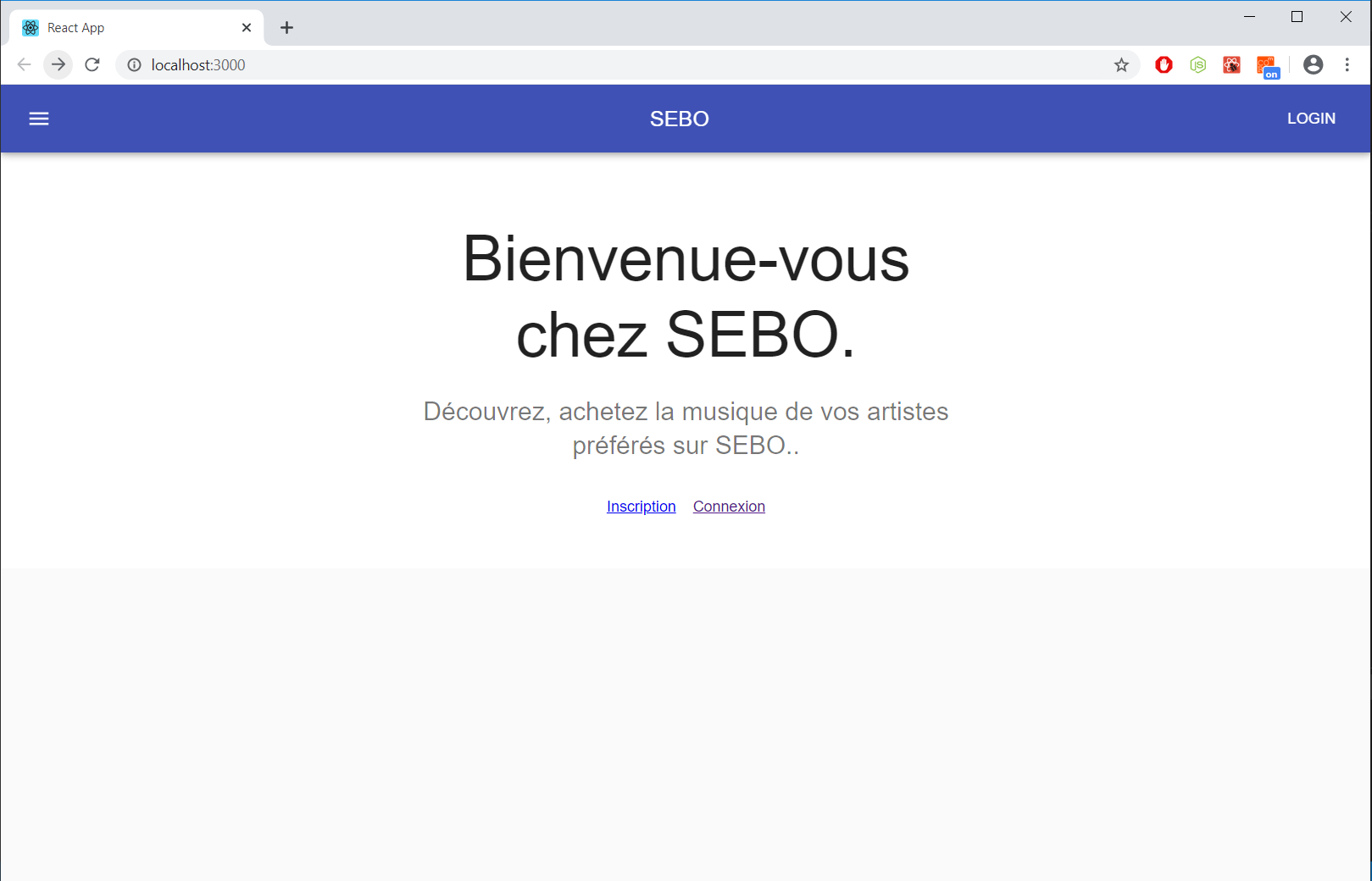




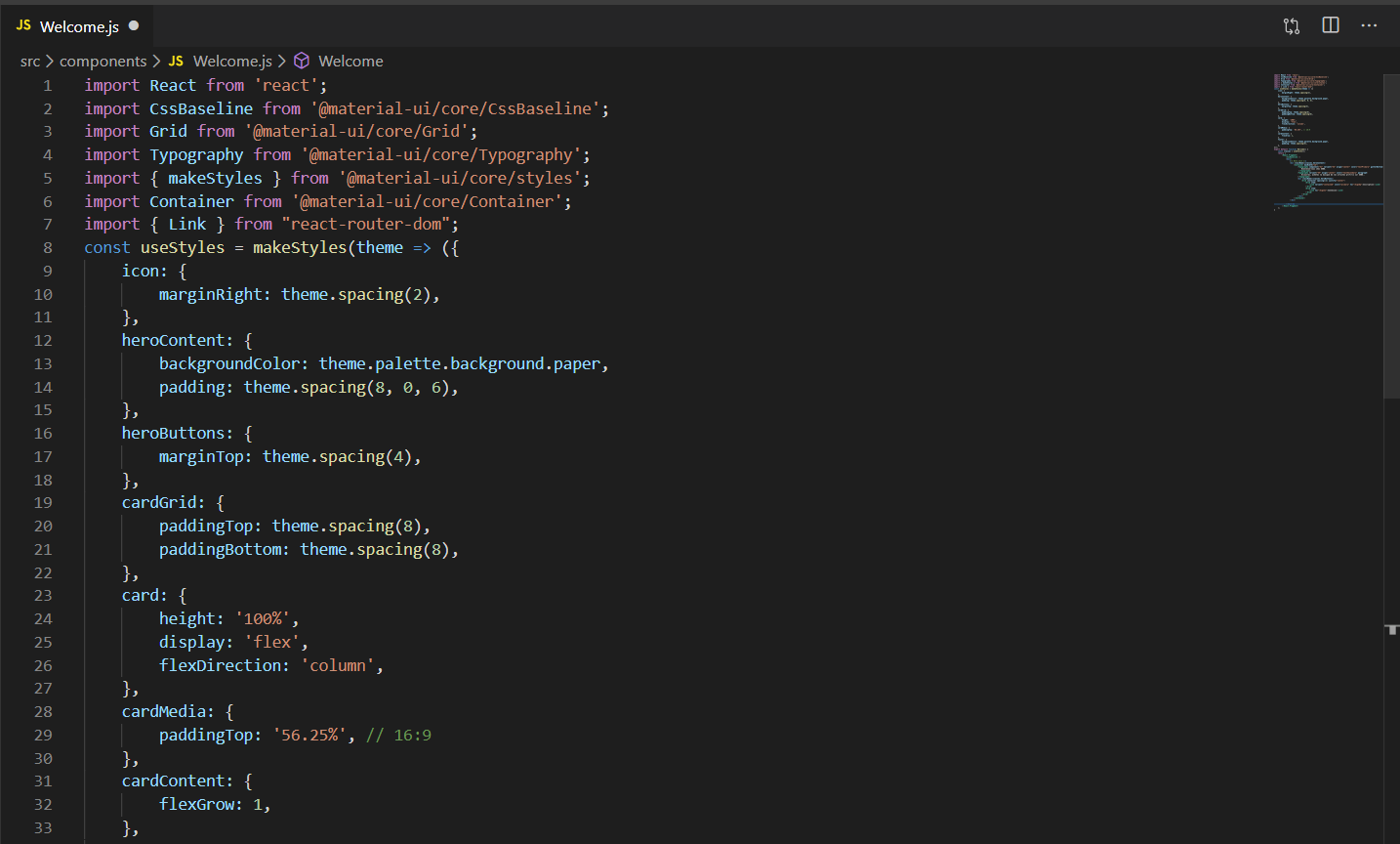
**Structure de Projet Front-end**

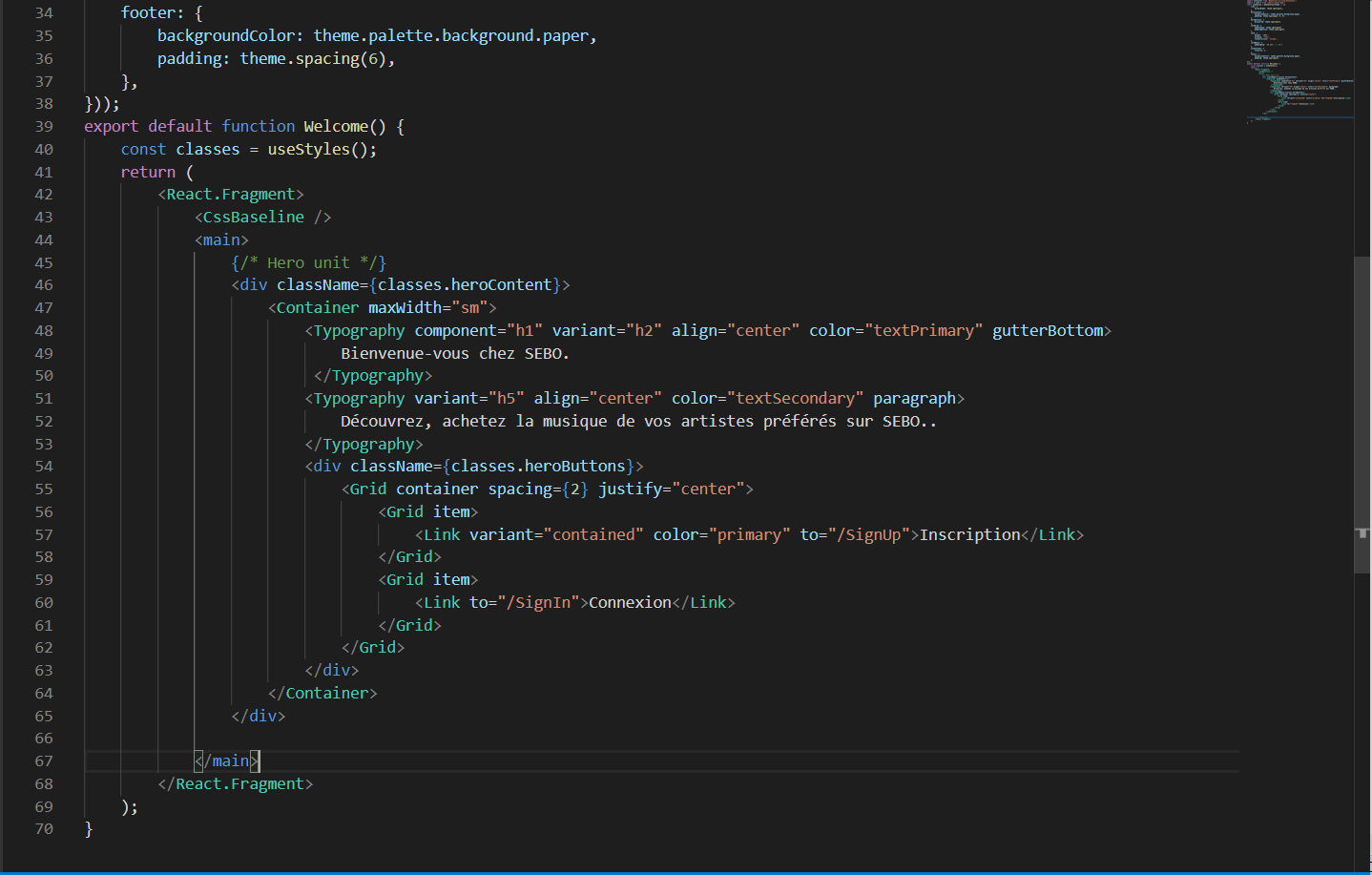


**Partie User Interface :**une page simple de présentation

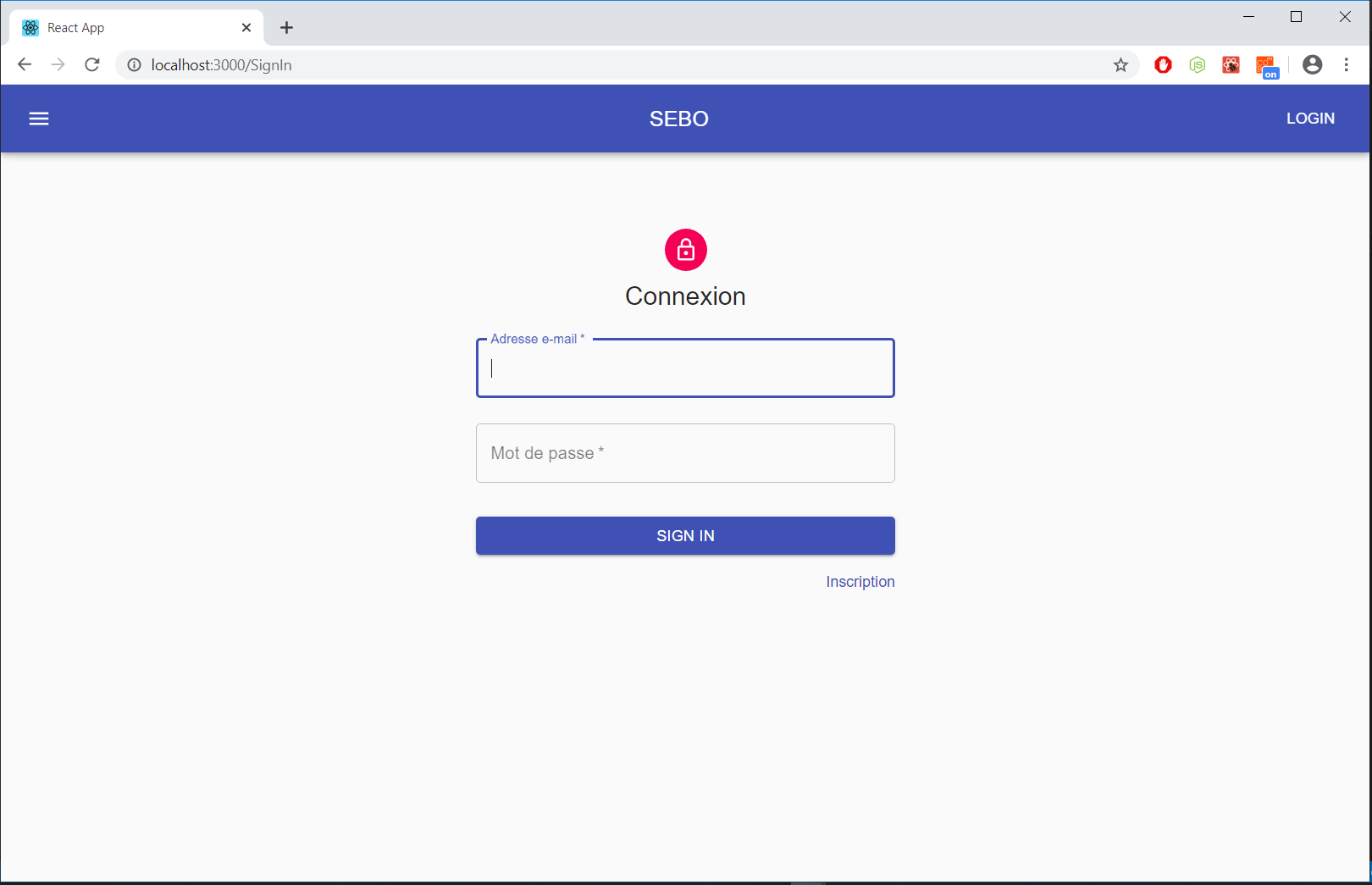


**Code :**





⮚**Page d’authentification :**Dès l’accès à l’application une page d’authentification s’affiche.  
Après authentification accéder aux  
différentes fonctionnalités de l’site



import React from 'react';

import Avatar from '@material-ui/core/Avatar';

import Button from '@material-ui/core/Button';

import CssBaseline from '@material-ui/core/CssBaseline';

import TextField from '@material-ui/core/TextField';

import Link from '@material-ui/core/Link';

import Grid from '@material-ui/core/Grid';

import LockOutlinedIcon from '@material-ui/icons/LockOutlined';

import Typography from '@material-ui/core/Typography';

import { withStyles } from '@material-ui/core/styles';

import Container from '@material-ui/core/Container';

import { Redirect } from 'react-router-dom'

const styles = theme => ({

    paper: {

        marginTop: theme.spacing(8),

        display: 'flex',

        flexDirection: 'column',

        alignItems: 'center',

    },

    avatar: {

        margin: theme.spacing(1),

        backgroundColor: theme.palette.secondary.main,

    },

    form: {

        width: '100%', // Fix IE 11 issue.

        marginTop: theme.spacing(1),

    },

    submit: { margin: theme.spacing(3, 0, 2), },

});

class SignIn extends React.Component {

    state = {

        client: {},

        email: "",

        motPasse: "",

        redirect: false

    };

    setRedirect = () => {

        this.setState({

            redirect: true

        })

    }

    renderRedirect = () => {

        if (this.state.redirect) {

            return <Redirect to='/Catalogue' />

        }

    }

    onSubmit = (e) => {

        e.preventDefault();

        var myHeaders = new Headers();

        myHeaders.append("Content-Type", "application/json");

        var raw = JSON.stringify({ "email": this.state.email, "motPasse": this.state.motPasse });

        var requestOptions = {

            method: 'POST',

            headers: myHeaders,

            body: raw,

            redirect: 'follow'

        };

        fetch("http://localhost:8080/API/Client/signIn", requestOptions)

            .then(response => response.text())

            .then(result => {

                this.setState({ client: JSON.parse(result) });

                console.log(this.state.client);

                if (result !== "") this.setRedirect();

            })

            .catch(error => console.log('error', error));

    }

    render() {

        const classes = this.props;

        return (

            <div>

                {this.renderRedirect()}

                <Container component="main" maxWidth="sm">

                    <CssBaseline />

                    <div className={classes.paper}>

                        <Avatar className={classes.avatar}>

                            <LockOutlinedIcon />

                        </Avatar>

                        <Typography component="h1" variant="h5">

                            Connexion

                    </Typography>

                        <form className={classes.form} onSubmit={this.onSubmit} noValidate>

                            <TextField variant="outlined" margin="normal" required fullWidth

                                id="email"

                                label="Adresse e-mail"

                                name="email"

                                onChange={e => {

                                    this.setState({ email: e.target.value });

                                }}

                                autoFocus

                            />

                            <TextField variant="outlined" margin="normal" required fullWidth

                                name="password"

                                label="Mot de passe"

                                type="password"

                                id="password"

                                onChange={e => {

                                    this.setState({ motPasse: e.target.value });

                                }}

                                autoComplete="current-password"

                            />

                            <Button type="submit" fullWidthvariant="contained"

                            color="primary" className={classes.submit} >

                                Sign In

                    </Button>

                            <Grid container>

                                <Grid item xs>

                                </Grid>

                                <Grid item>

                                    <Link href="#" variant="body2">

                                        {"Inscription"}

                                    </Link>

                                </Grid>

                            </Grid>

                        </form>

                    </div>

                </Container>

            </div>

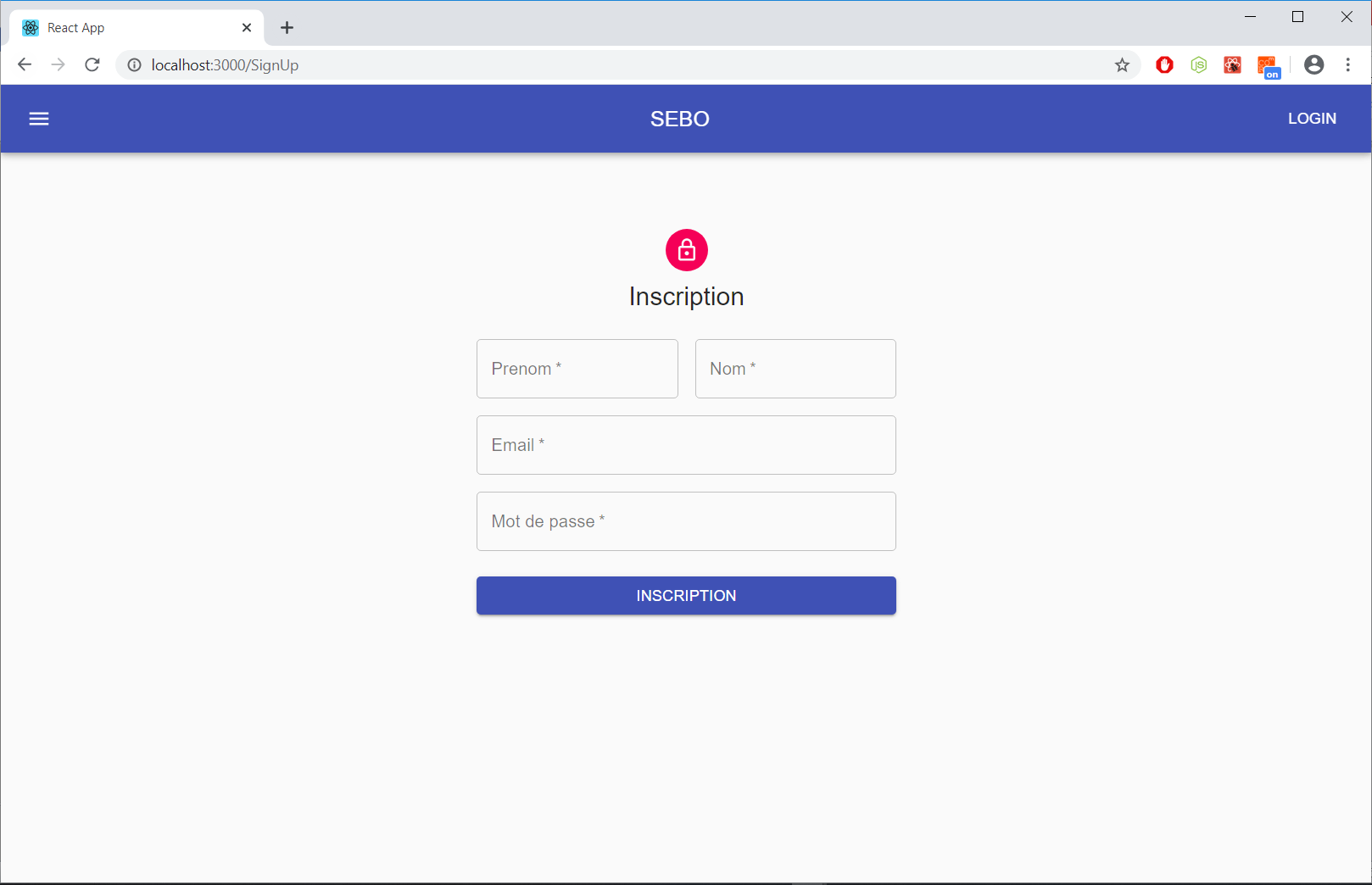
        );

    }

}

export default withStyles(styles, { withTheme: true })(SignIn);

⮚**Page Inscription:**



**Code :**

import React from 'react';

import Avatar from '@material-ui/core/Avatar';

import Button from '@material-ui/core/Button';

import CssBaseline from '@material-ui/core/CssBaseline';

import TextField from '@material-ui/core/TextField';

import Link from '@material-ui/core/Link';

import Grid from '@material-ui/core/Grid';

import LockOutlinedIcon from '@material-ui/icons/LockOutlined';

import Typography from '@material-ui/core/Typography';

import { makeStyles } from '@material-ui/core/styles';

import Container from '@material-ui/core/Container';

const useStyles = makeStyles(theme => ({

    paper: {

        marginTop: theme.spacing(8),

        display: 'flex',

        flexDirection: 'column',

        alignItems: 'center',

    },

    avatar: {

        margin: theme.spacing(1),

        backgroundColor: theme.palette.secondary.main,

    },

    form: {

        width: '100%', // Fix IE 11 issue.

        marginTop: theme.spacing(3),

    },

    submit: {

        margin: theme.spacing(3, 0, 2),

    },

}));

export default function SignUp() {

    const classes = useStyles();

    return (

        <Container component="main" maxWidth="xs">

            <CssBaseline />

            <div className={classes.paper}>

                <Avatar className={classes.avatar}>

                    <LockOutlinedIcon />

                </Avatar>

                <Typography component="h1" variant="h5">

                    Inscription

                </Typography>

                <form className={classes.form} noValidate>

                    <Grid container spacing={2}>

                        <Grid item xs={12} sm={6}>

                            <TextField autoComplete="fname"  name="firstName"

                                variant="outlined"

                                required

                                fullWidth

                                id="firstName"

                                label="Prenom"

                                autoFocus

                            />

                        </Grid>

                        <Grid item xs={12} sm={6}>

                            <TextField variant="outlined"  required fullWidth

                                id="lastName"

                                label="Nom"

                                name="lastName"

                                autoComplete="lname"

                            />

                        </Grid>

                        <Grid item xs={12}>

                            <TextField variant="outlined"  required  fullWidth

                                id="email"

                                label="Email"

                                name="email"

                                autoComplete="email"

                            />

                        </Grid>

                        <Grid item xs={12}>

                            <TextField variant="outlined"  required fullWidth

                                name="password"

                                label="Mot de passe"

                                type="password"

                                id="password"

                                autoComplete="current-password"

                            />

                        </Grid>

                    </Grid>

                    <Button type="submit"  fullWidth variant="contained" color="primary"

                        className={classes.submit}

                    >

                        Inscription

                     </Button>

                </form>

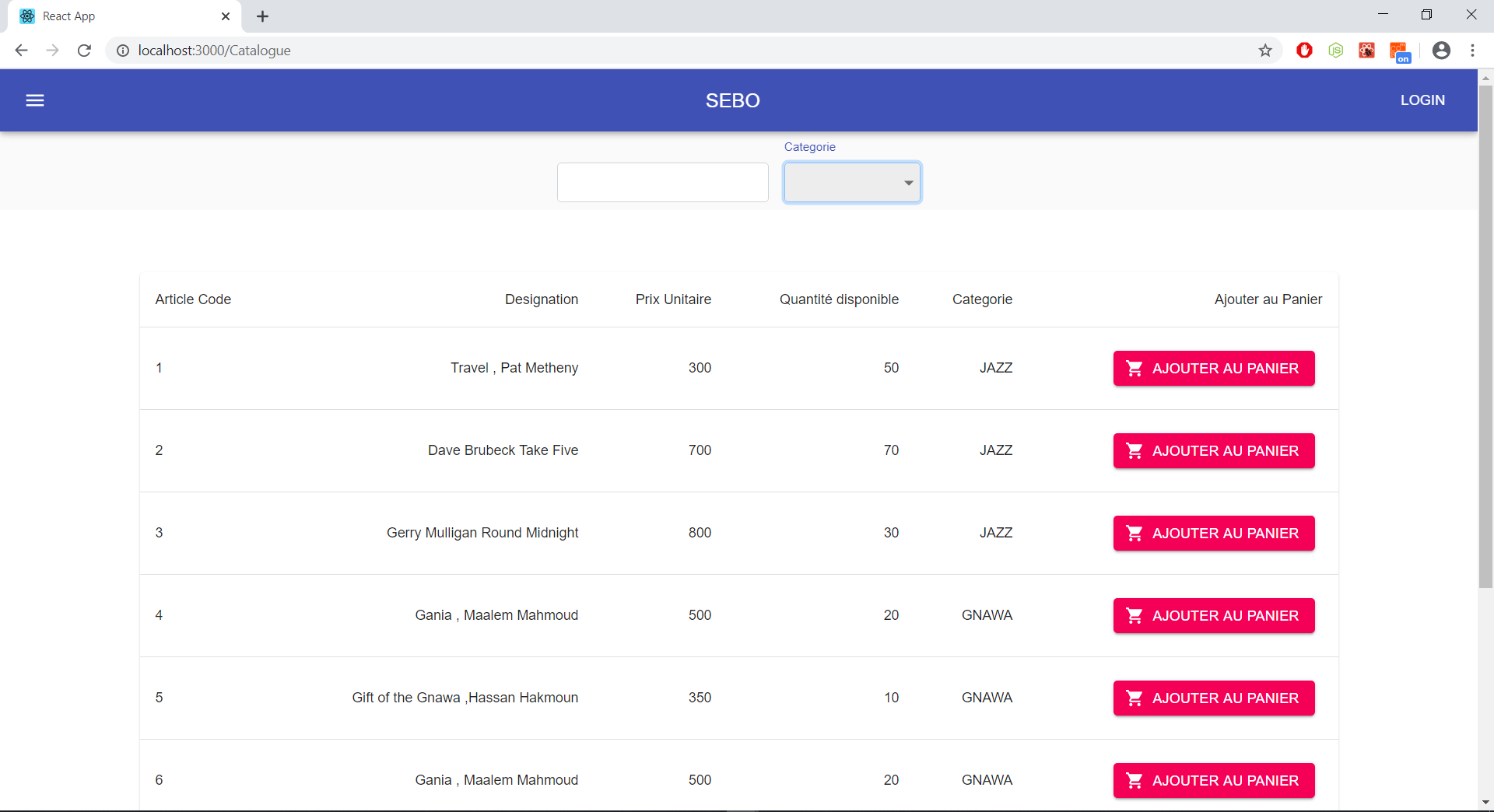
            </div>

        </Container>

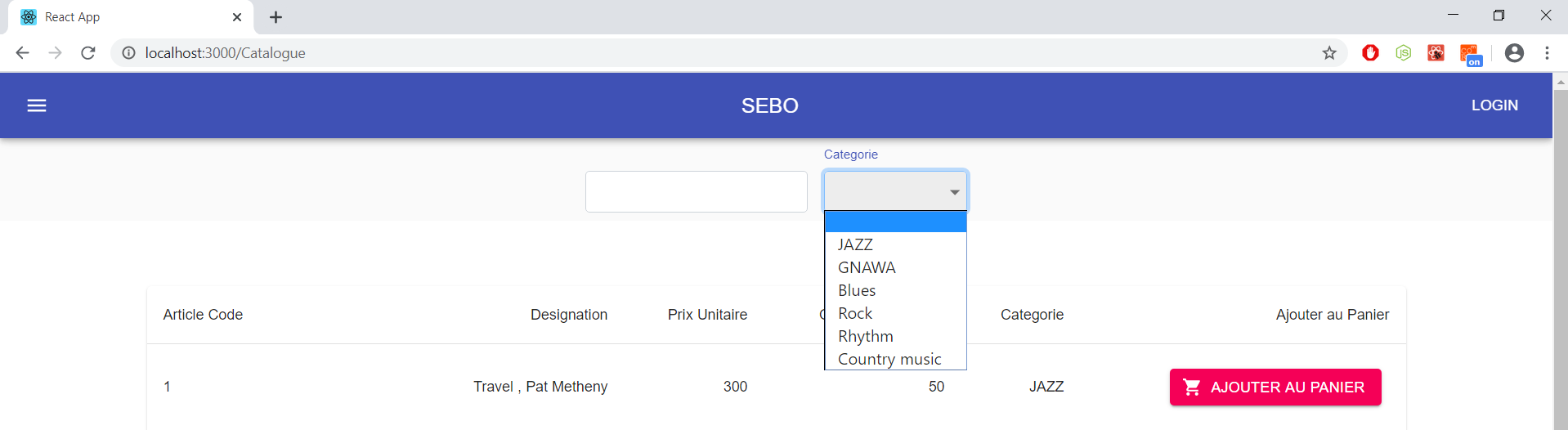
    );

}

⮚**Page Catalogue:**



**Filter par categorie**

****

**Code :**

import React from "react";

import CssBaseline from '@material-ui/core/CssBaseline';

import Table from '@material-ui/core/Table';

import TableBody from '@material-ui/core/TableBody';

import TableCell from '@material-ui/core/TableCell';

import TableContainer from '@material-ui/core/TableContainer';

import TableHead from '@material-ui/core/TableHead';

import TableRow from '@material-ui/core/TableRow';

import Paper from '@material-ui/core/Paper';

import Container from '@material-ui/core/Container';

import { withStyles } from '@material-ui/core/styles';

import InputBase from '@material-ui/core/InputBase';

import InputLabel from '@material-ui/core/InputLabel';

import FormControl from '@material-ui/core/FormControl';

import NativeSelect from '@material-ui/core/NativeSelect';

import Button from '@material-ui/core/Button';

import ShoppingCartIcon from '@material-ui/icons/ShoppingCart';

const styles = theme => ({

    icon: {

        marginRight: theme.spacing(2),

    },

    button: {

        margin: theme.spacing(1),

    },

    heroContent: {

        backgroundColor: theme.palette.background.paper,

        padding: theme.spacing(8, 0, 6),

    },

    margin: {

        margin: theme.spacing(1),

    },

    table: {

        minWidth: 650,

    },

    footer: {

        backgroundColor: theme.palette.background.paper,

        padding: theme.spacing(6),

    },

});

const BootstrapInput = withStyles(theme => ({

    root: {

        'label + &': {

            marginTop: theme.spacing(3),

        },

    },

    input: {

        borderRadius: 4,

        position: 'relative',

        backgroundColor: theme.palette.background.paper,

        border: '1px solid #ced4da',

        fontSize: 16,

        padding: '10px 26px 10px 12px',

        transition: theme.transitions.create(['border-color', 'box-shadow']),

        // Use the system font instead of the default Roboto font.

        fontFamily: [

            '-apple-system',

            'BlinkMacSystemFont',

            '"Segoe UI"',

            'Roboto',

            '"Helvetica Neue"',

            'Arial',

            'sans-serif',

            '"Apple Color Emoji"',

            '"Segoe UI Emoji"',

            '"Segoe UI Symbol"',

        ].join(','),

        '&:focus': {

            borderRadius: 4,

            borderColor: '#80bdff',

            boxShadow: '0 0 0 0.2rem rgba(0,123,255,.25)',

        },

    },

}))(InputBase);

class Catalogue extends React.Component {

    state = {

        articles: [],

        categories: []

    }

    componentDidMount() {

        var requestOptions = {

            method: 'GET',

            redirect: 'follow'

        };

        fetch("http://localhost:8080/API/Article/Articles", requestOptions)

            .then(response => response.text())

            .then(result => this.setState({ articles: JSON.parse(result) }))

            .catch(error => console.log('error', error));

        fetch("http://localhost:8080/API/Categorie/Categories", requestOptions)

            .then(response => response.text())

            //.then(result => console.log(result))

            .then(result => this.setState({ categories: JSON.parse(result) }))

            .catch(error => console.log('error', error));

    }

    handleChange = event => {

        //get

    };

    render() {

        const { classes } = this.props;

        return (

            <React.Fragment>

                <CssBaseline />

                <main>

                    <div>

                        <FormControl className={classes.margin}>

                            <InputLabel htmlFor="demo-customized-textbox">Prix</InputLabel>

                            <BootstrapInput id="demo-customized-textbox" />

                        </FormControl>

                        <FormControl className={classes.margin}>

                            <InputLabel htmlFor="demo-customized-select-native">Categorie</InputLabel>

                            <NativeSelect

                                id="demo-customized-select-native"

                                value={"Categorie"}

                                onChange={this.handleChange}

                                input={<BootstrapInput />}

                            ><option aria-label="None" value="" />

                                {this.state.categories.map(row => (<option value={row.refCat}>{row.cat}</option>

                                ))}

                            </NativeSelect>

                        </FormControl>

                    </div>

                    <div className={classes.heroContent}>

                        <Container maxWidth="lg"  >

                            <TableContainer component={Paper} >

                                <Table className={classes.table} aria-label="simple table">

                                    <TableHead>

                                        <TableRow>

                                            <TableCell>Article Code</TableCell>

                                            <TableCell align="right">Designation</TableCell>

                                            <TableCell align="right">Prix Unitaire</TableCell>

                                            <TableCell align="right">Quantité disponible</TableCell>

                                            <TableCell align="right">Categorie</TableCell>

                                            <TableCell align="right">Ajouter au Panier</TableCell>

                                        </TableRow>

                                    </TableHead>

                                    <TableBody>

                                        {this.state.articles.map(row => (

                                            <TableRow key={row.codeArticle}>

                                                <TableCell component="th" scope="row">

                                                    {row.codeArticle}

                                                </TableCell>

                                                <TableCell align="right">{row.designation}</TableCell>

                                                <TableCell align="right">{row.prix}</TableCell>

                                                <TableCell align="right">{row.stock}</TableCell>

                                                <TableCell align="right">{row.categorie.cat}</TableCell>

                                                <TableCell align="right">

                                                    <Button

                                                        variant="contained"

                                                        color="secondary"

                                                        className={classes.button}

                                                        startIcon={<ShoppingCartIcon />}

                                                    >

                                                        Ajouter au panier

                                                    </Button>

                                                </TableCell>

                                            </TableRow>

                                        ))}

                                    </TableBody>

                                </Table>

                            </TableContainer>

                        </Container>

                    </div>

                </main>

                {/\* End footer \*/}

            </React.Fragment >

        );

    }

}

export default withStyles(styles, { withTheme: true })(Catalogue);