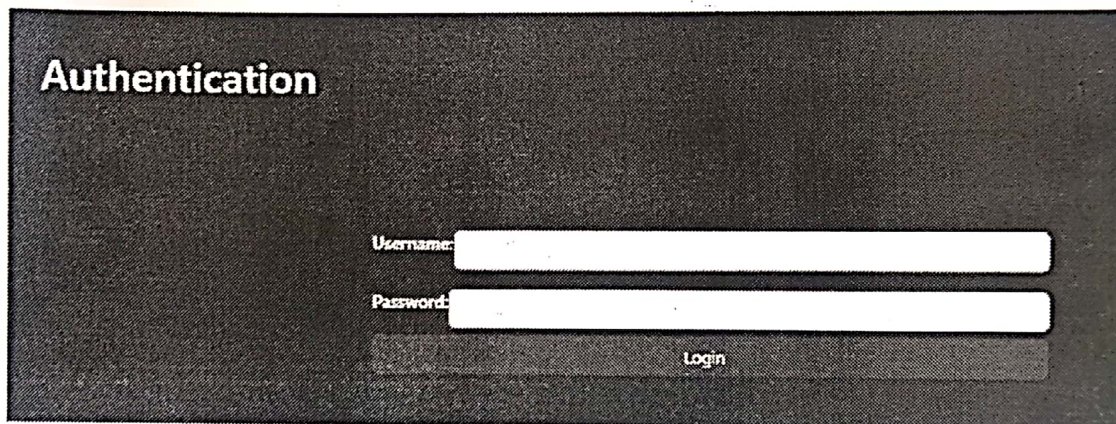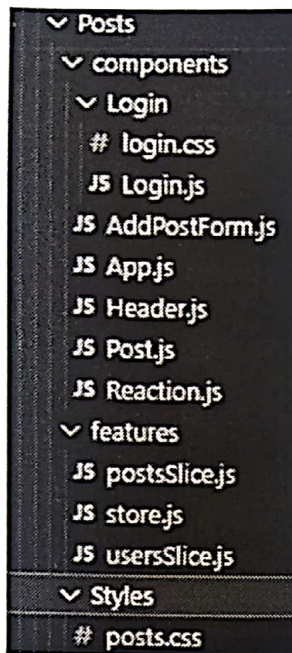## Formulaire d'authentification

Login.js

```
import React, { useEffect, useState } from "react";
import { useDispatch, useSelector } from "react-redux";
import './login.css'
import { logIn } from "../../features/usersSlice";
import { useNavigate } from "react-router";
export default function Login(){
const navigate=useNavigate()
const users=useSelector(state=>state.users)
const dispatch=useDispatch()
    const [user,setUser]=useState({username:"",password:""})
    const [err,setErr]=useState("")
    const handleChange=(e)=>{
        setUser({...user,[e.target.name]:e.target.value})
```

9

```jsx
            setErr('')
        }

    useEffect(()=>{
        console.log("useffect")
        if(users.connectedUser!=null)
navigate("/posts")
})
        const handleSubmit=(e)=>{
            e.preventDefault()
dispatch(logIn(user))
setErr('incorrect username or password')
        }
        return(<div className="container login">

        <h1>Authentication</h1>
        <form onSubmit={handleSubmit} >
            <div className="form-group">
                <label  className="form-label"
htmlFor="username">Username:</label>
                <input value={user.username} name="username" className="form-
control" onChange={handleChange}/>
            </div>
            <div className="form-group">
                <label  className="form-label"
htmlFor="password">Password:</label>
                <input value={user.password} name="password" className="form-
control" onChange={handleChange}/>
            </div>
            <span className='text-danger'>{err}</span>
          <button className="btn btn-primary mt-2 w-100" >Login</button>
        </form>

        </div>)
}
```

usersSlice.js

```jsx
import { createSlice } from "@reduxjs/toolkit";
const initialState={users:[
    {
        id:1,
        username:"Soumia",
        password :"123"
    },
    {
        id:2,
        username:"Adil",
        password :"123"
```

10

```
}
],connectedUser:null}
const usersSlice=createSlice({
    name:"users",
    initialState,
    reducers:{
      logIn:(state,action)=>{
          console.log(action.payload)
    const user=state.users.find(item=>item.username==action.payload.username &&
item.password==action.payload.password)
    if(user)
    state.connectedUser=user
       },
      logOut:(state)=>{
          state.connectedUser=null
      }
     }
})

export default usersSlice.reducer
export const {logIn,logOut}=usersSlice.actions
```

Header.js

```
import React from "react";
import {logOut} from '../features/usersSlice'
import { useDispatch, useSelector } from "react-redux";
import { useNavigate } from "react-router";
export default function Header(){
    const navigate=useNavigate()
    const dispatch=useDispatch()
    const handleClick=(e)=>{
dispatch(logOut())
navigate("/")

    }
const {connectedUser}=useSelector(state=>state.users)
    return(< div className="bg-dark">
    welcome {connectedUser.username} <button className="btn btn-danger m-3"
onClick={handleClick}>Logout</button>
    </div>)
}
```

Index.js

```
import React from 'react';
import ReactDOM from 'react-dom/client';
```

11

```
import 'bootstrap/dist/css/bootstrap.css'
import App from '../src/components/Posts/components/App'
import { Provider } from 'react-redux';
import Login from './components/Posts/components/Login/Login'
import {store} from './components/Posts/features/store'
import { BrowserRouter, Routes,Route } from "react-router-dom";
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
<Provider store={store}>
<BrowserRouter>

      <Routes>
       <Route  path="/posts" element={<App/>}  />
       <Route  path="" element={<Login/>}  />
      </Routes>

    </BrowserRouter>
</Provider>

);
```