|  |  |  |  |
| --- | --- | --- | --- |
| VIIT Pune (@viit_pune) | Twitter | Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Information Technology  Department of  Artificial Intelligence and Data Science | | |
| Student Name: Siddhesh Dilip Khairnar | | | |
| Class: SY | Division: B | | Roll No: 272028 |
| Semester: 4th | | Academic Year: 2022-23 | |
| Subject Name & Code: ADUA22206 & Web Technology | | | |
| Title of Assignment: Assignment No 8: Develop dashboard for Library Management System having functionalities of Login, Book Issue and Return using react JS. | | | |

Aim: Develop dashboard for Library Management System having functionalities of Login, Book Issue and Return using react JS.

Software Requirements: Visual Studio Code, React js.

Code:

#App.css body

{

margin: 0;

padding: 0;

font-family: sans-serif; background: url(college.png); background-repeat: no-repeat; background-size: cover;

}

.container

{

position: absolute; top: 50%;

left: 50%;

transform: translate(-50%,-50%); width: 700px;

background: #fff; padding: 45px;

box-sizing: border-box;

border :1px solid rgba(0,0,0,.1);

box-shadow: 0 5px 10px rgba(0,0,0,.2);

}

.container h1

{

text-align: center; margin: 0 0 40px;

padding: 0;

color: rgb(66,133,244); letter-spacing: 2px;

}

.container input

{

padding: 5px;

margin-bottom: 30px; width: 55%;

box-sizing: border-box; box-shadow: none; outline: none; border:none;

border-bottom: 2px solid #999;

}

.container input[type="submit"]

{

border-radius: 25px; font-size: 20px; height: 40px;

cursor : pointer;

background: rgb(66,133,244); color: #fff;

margin-bottom: 0;

}

.container input[type="submit"]:hover

{

background: #34F458; color: #fff;

}

.container form div

{

position: relative;

}

.container form div label

{

position: absolute; top: 3px;

pointer-events: none; left: 0;

transition: .5s;

}

.container input:focus ~label,

.container input:valid ~label

{

left: 0; top: -20px;

color: rgb(66,133,244); font-size: 12px;

font-weight: bold;

}

.container input:focus,

.container input:valid

{

border-bottom: 2px solid rgb(66,133,244);

}

.error\_form

{

top: 12px;

color: rgb(216, 15, 15); font-size: 15px;

font-family: Helvetica;

}

#App.js

import './App.css';

import Form from "./Form"

function App() { return (

<div className="App">

<Form />

</div>

);

}

export default App;

#Form.js

import { useState } from 'react';

export default function Form() {

// States for registration

const [name, setName] = useState(''); const [email, setEmail] = useState('');

const [password, setPassword] = useState('');

// States for checking the errors

const [submitted, setSubmitted] = useState(false); const [error, setError] = useState(false);

// Handling the name change const handleName = (e) => { setName(e.target.value); setSubmitted(false);

};

// Handling the email change const handleEmail = (e) => { setEmail(e.target.value); setSubmitted(false);

};

// Handling the password change const handlePassword = (e) => { setPassword(e.target.value); setSubmitted(false);

};

// Handling the form submission const handleSubmit = (e) => { e.preventDefault();

if (name === '' || email === '' || password === '') { setError(true);

} else { setSubmitted(true); setError(false);

}

};

// Showing success message const successMessage = () => { return (

<div className="success" style={{

display: submitted ? '' : 'none',

}}>

<h1>User {name} successfully registered!!</h1>

</div>

);

};

// Showing error message if error is true const errorMessage = () => {

return (

<div className="error"

style={{

display: error ? '' : 'none',

}}>

<h1>Please enter all the fields</h1>

</div>

);

};

return (

<div className="form">

<div>

<h1>User Registration</h1>

</div>

{/\* Calling to the methods \*/}

<div className="messages">

{errorMessage()}

{successMessage()}

</div>

<form>

{/\* Labels and inputs for form data \*/}

<label className="label">Name</label>

<input onChange={handleName} className="input" value={name} type="text" />

<label className="label">Email</label>

<input onChange={handleEmail} className="input" value={email} type="email" />

<label className="label">Password</label>

<input onChange={handlePassword} className="input" value={password} type="password" />

<button onClick={handleSubmit} className="btn" type="submit"> Submit

</button>

</form>

</div>

);

}

Output:

Graphical user interface, application, Teams

Description automatically generated

****

Conclusion: In this experiment, we have successfully Developed dashboard for Library Management System having functionalities of Login, Book Issue and Return using react JS.