VISHWAKARMA INSTITUTES VI	Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Information Technology Department of Artificial Intelligence and Data Science		
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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.

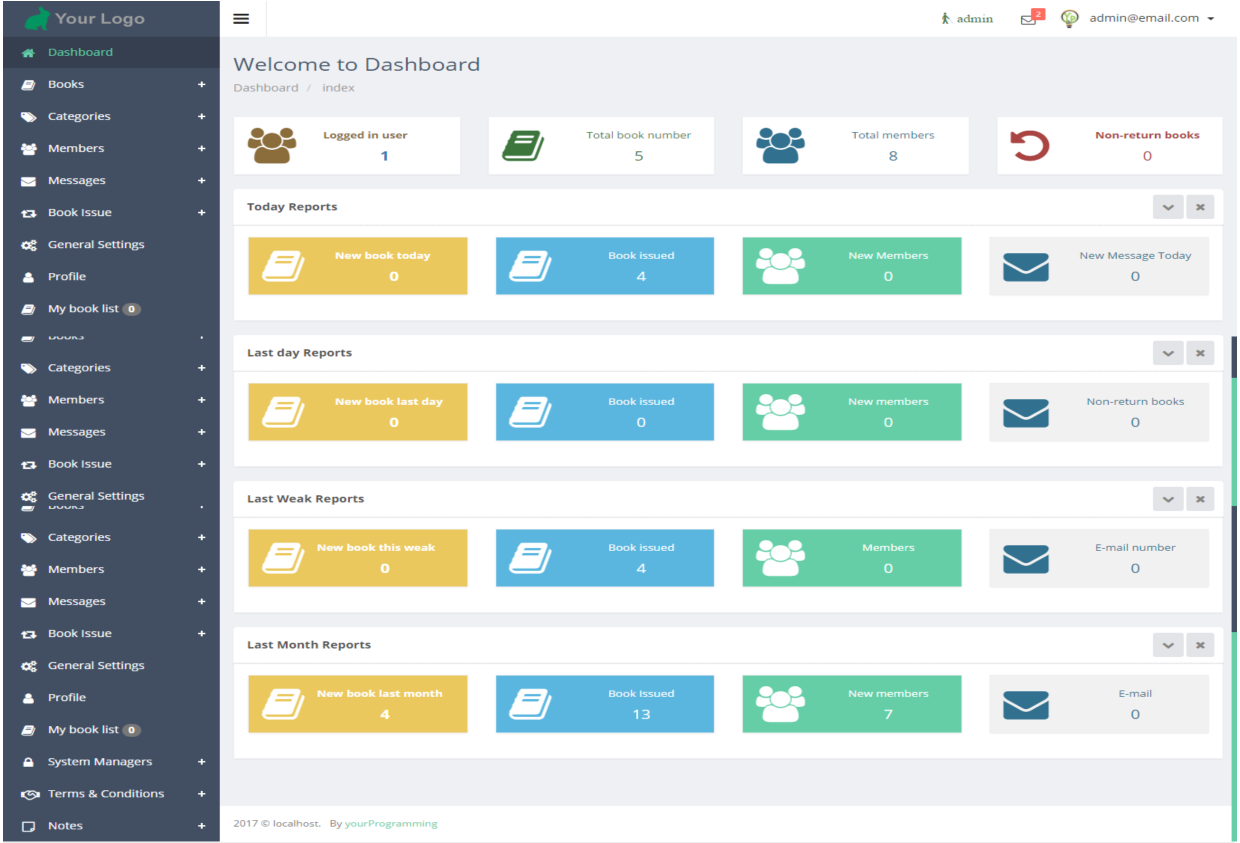
Code:

```
#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 changeconst

handleName = (e) => {

setName(e.target.value);

setSubmitted(false);

};

// Handling the email changeconst
```

```
handleEmail = (e) => {
setEmail(e.target.value);
setSubmitted(false);
};
// Handling the password changeconst
handlePassword = (e) => {
setPassword(e.target.value);
setSubmitted(false);
};
// Handling the form submissionconst
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 trueconst
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:



Welcome to Dashboard

Dashboard / index

Logged in user 1

Total book number 5

Total members 8

Non-return books 0

Today Reports

New book today 0

Book issued 4

New Members 0

New Message Today 0

Last day Reports

New book last day 0

Book issued 0

New Members 0

Non-return books 0

Last Weak Reports

New book this weak 0

Book issued 4

Members 0

E-mail number 0

Last Month Reports

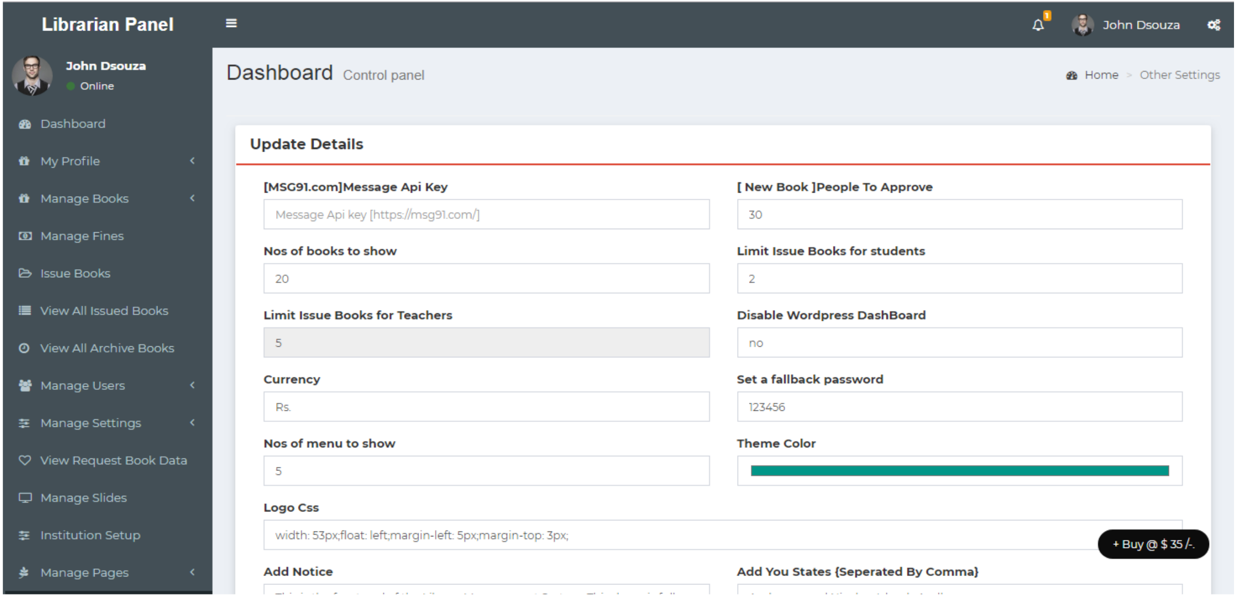
New book last month 4

Book Issued 13

New members 7

E-mail 0

2017 © localhost. By yourProgramming



Dashboard Control panel

Update Details

[MSG91.com]Message Api Key: Message Api key [https://msg91.com/]

[New Book]People To Approve: 30

Nos of books to show: 20

Limit Issue Books for students: 2

Limit Issue Books for Teachers: 5

Disable Wordpress DashBoard: no

Currency: Rs.

Set a fallback password: 123456

Nos of menu to show: 5

Theme Color

Logo Css: width: 53px;float: left;margin-left: 5px;margin-top: 3px;

Add Notice

Add You States {Seperated By Comma}

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