

INTERNET PROGRAMMING LAB

Ex7

Website for International Conference using React

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Learning Objective:

To develop an website for international conference using React.

Specifications:

- The conference homepage should consist of the following tabs:
- Home, Committee, Call for Papers, Important Dates, Workshops, Registration and Contact.
- On clicking each tab, it should open in the same page (SPA). (Use react router)
- The website should contain logos, header, footer.
- The Header and footer should be same for all links.
- For pre-conference workshop registration use form elements

Code:

index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <link rel="stylesheet" href="style.css">
    <title>React App</title>
  </head>

  <body>
    <noscript>You need to enable JavaScript to run this app.</noscript>
    <div id="root"></div>
  </body>
</html>
```

style.css

```
body{
    margin:0;
    background-color:#656da0;
    text-align:center;
    font-weight:bold;
}

li#header{
    float: left;
    list-style-type:none;
}

nav{
    display: inline;
}

nav a{
    padding: 15px 25px;
    color: darkgreen;
    font-size:20px;
    text-decoration: none;
}

div.navi{
    margin:0;
    width:100%;
    padding: 25px 0px;
    text-align: right;
    background-color:lightblue;
}

a:hover {
    color:blue;
}

.column {
    float: left;
    width: 24%;
    padding: 5px;
}

div.box{
    width: 800px;
    padding: 20px;
    border: 8px outset green;
    margin: auto;
}

.tooltip {
    position: relative;
    display: inline-block;
    border-bottom: 1px dotted black;
}

.tooltip .tooltiptext {
    visibility: hidden;
    width: 120px;
    background-color: black;
    color: white;
    text-align: center;
```

```

border-radius: 6px;
padding: 5px 0;

position: absolute;
z-index: 1;
opacity: 0;
transition: opacity 1s;
}

.tooltip:~hover .tooltiptext {
visibility: visible;
opacity:1;
}

.button {
background-color: #4CAF50;
border: none;
color: white;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin: 4px 2px;
cursor: pointer;
}

p.trans{
transition: transform 2s;
}

p.trans:~hover{
transform: rotate(360deg);
}

div.animate {
animation-name: change_color;
animation-duration: 3s;
animation-iteration-count: infinite;
}

@keyframes change_color {
from {color: rgb(0, 77, 128);}
to {color: rgb(250, 0, 0);}
}

a{
outline: none;
}

span.blink {
font-size: 25px;
font-family: cursive;
color:blueviolet;
animation: blink 2s linear infinite;
}

@keyframes blink {
0% {
opacity: 0;
}
50% {

```

```

        opacity: .5;
    }
    100% {
        opacity: 1;
    }
}
span.blink1 {
    font-size: 25px;
    font-family: cursive;
    color:red;
    animation: blink 2s linear infinite;
}

```

App.js

```

import React from 'react';
import ReactDOM from 'react-dom';
import Header from './Header.js';
import Footer from './Footer.js';

export default function App(){
    return(
        <div>
            <Header/>
            <Footer/>
        </div>
    );
}

```

Header.js

```

import React from 'react';
import ReactDOM from 'react-dom';
import Home from './Home.js';
import Committee from './Committee.js';
import Call from './Call.js';
import Dates from './Dates.js';
import Workshop from './Workshop.js';
import Registration from './Registration.js';
import Contact from './Contact.js';
import {
    BrowserRouter as Router,
    Switch,
    Route,
    Link} from "react-router-dom";

export default function Header(){
    return(
        <Router>
        <div>
            <div className="navi">
                <nav>
                    <ul>
                        <li id="header"><Link to="/">Home</Link></li>
                        <li id="header"><Link to="/Committee">Committee</Link></li>
                        <li id="header"><Link to="/Call">Call For Papers</Link></li>
                        <li id="header"><Link to="/Dates">Important Dates</Link></li>

```

```

<li id="header"><Link to="/Workshop">Workshop</Link></li>
<li id="header"><Link to="/Registration">Registraion</Link></li>
<li id="header"><Link to="/Contact">Contact</Link></li>
</ul>
</nav>
</div>
<Switch>
<Route path="/Commitee">
<Commitee/>
</Route>
<Route path="/Call">
<Call/>
</Route>
<Route path="/Dates">
<Dates/>
</Route>
<Route path="/Workshop">
<Workshop/>
</Route>
<Route path="/Registration">
<Registration/>
</Route>
<Route path="/Contact">
<Contact/>
</Route>
<Route path="/">
<Home/>
</Route>
</Switch>
</div>
</Router>
);
}

```

Footer.js

```

import React from 'react';
import ReactDOM from 'react-dom';

export default function Footer(){
  return(
    <div><br/>
    <h1><span className="blink1">Have a Good Day</span></h1>
    </div>
  );
}

```

Home.js

```

import React from 'react';
import ReactDOM from 'react-dom';
import a from './a.png';
import b from './b.png';
import c from './c.png';
import d from './d.png';

export default function Home(){
  return (

```

```

    <div>
      <br /><h1>MOBILE WORLD CONGRESS 2021</h1>
      <p className="trans" style={{fontSize: '25px', color:
'maroon'}}>MWC21!</p>
      <div className="animate">
        <marquee behavior="alternate" direction="left"
scrollamount={20}><p style={{fontSize: '25px'}}>Welcome to MWC
2021!</p></marquee></div>
        <p style={{fontSize: '20px'}}>MWC Barcelona is all about Connected
Impact. Our key theme for this event which encompasses the most ground-
breaking technology of today and explores how it can shape the way we live
tomorrow.</p>
        <p style={{fontSize: '30px', color: 'darkgreen'}}>Our Goals</p>
        <div className="column">
          <img src={a} useMap="#connectivity" height={200} width={200} />
          <figcaption>Connectivity</figcaption>
          <map name="connectivity">
            <area shape="rect" coords="0,0,90,435"
href="https://en.wikipedia.org/wiki/Internet_access" target="_blank" />
          </map></div>
          <div className="column">
            <img src={b} useMap="#experience" height={200} width={200} />
            <figcaption>User Experience</figcaption>
            <map name="experience">
              <area shape="rect" coords="0,0,460,435"
href="https://en.wikipedia.org/wiki/Customer_experience" target="_blank" />
            </map></div>
          <div className="column">
            <img src={c} useMap="#startup" height={200} width={200} />
            <figcaption>Start Ups</figcaption>
            <map name="startup">
              <area shape="rect" coords="0,0,840,435"
href="https://en.wikipedia.org/wiki/Startup_company" target="_blank" />
            </map></div>
          <div className="column">
            <img src={d} useMap="#ai" height={200} width={200} />
            <figcaption>Artificial Intelligence</figcaption>
            <map name="ai">
              <area shape="rect" coords="0,0,1220,435"
href="https://en.wikipedia.org/wiki/Artificial_intelligence"
target="_blank" />
            </map></div>
        </div>
      </div>
    );
  }

```

Committee.js

```

import React from 'react';
import ReactDOM from 'react-dom';

export default function Committee() {
  return (
    <div>
      <style dangerouslySetInnerHTML={{__html: "\n  body{\n
background-color:lightcoral;\n    text-align:center;\n    font-
weight:bold;\n  }\n  " }} />
      <div className="animate">
        <br /><h1 style={{textAlign: 'center'}}>Committee</h1></div>
        <p style={{fontSize: '25px', color: 'blue'}}><br />CEO Reliance Jio
- Mathew Oommen</p>

```

```

        <p style={{fontSize: '25px', color: 'snow'}}><br />CEO IBM -
Aravind Krishna</p>
        <p style={{fontSize: '25px', color: 'darkgreen'}}><br />CEO Verizon
- Hans Vestberg</p>
        <p style={{fontSize: '25px', color: 'maroon'}}><br />CEO Neuro
ELECTRICS - Ana Maiques</p>
        <p style={{fontSize: '25px', color: 'gold'}}><br />CEO Starling
Bank - Anne Boden</p>
    </div>
  );
}

```

Call.js

```

import React from 'react';
import ReactDOM from 'react-dom';

export default function Call() {
  return (
    <div id="call">
      <style dangerouslySetInnerHTML={{__html: "\n body{\n background-
color:black;\n background-attachment:fixed;\n    background-size:cover;\n
text-align:center;\n    font-weight:bold; \n    color:cyan;\n } \n " }} />
      <br /><h1 style={{textAlign: 'center', color: 'red'}}>Call For
Papers</h1>
      <ol>
        <li style={{textAlign: 'left', color: 'white', fontSize:
'25px'}}>Connectivity</li>
        <ul>
          <li style={{textAlign: 'left'}}>5g</li>
          <li style={{textAlign: 'left'}}>Wifi 6</li>
          <li style={{textAlign: 'left'}}>Cloud Connectivity</li>
          <li style={{textAlign: 'left'}}>Network Optimisation</li>
          <li style={{textAlign: 'left'}}>Cyber Security</li>
          <li style={{textAlign: 'left'}}>Distribution System</li>
        </ul>
        <li style={{textAlign: 'left', color: 'white', fontSize:
'25px'}}>User Experience</li>
        <ul>
          <li style={{textAlign: 'left'}}>After Sale Support</li>
          <li style={{textAlign: 'left'}}>Security Patches</li>
          <li style={{textAlign: 'left'}}>Easy Query</li>
          <li style={{textAlign: 'left'}}>Feedback Portal</li>
        </ul>
        <li style={{textAlign: 'left', color: 'white', fontSize:
'25px'}}>Start Ups</li>
        <ul>
          <li style={{textAlign: 'left'}}>Tech Horizon</li>
          <li style={{textAlign: 'left'}}>Deal Flow</li>
          <li style={{textAlign: 'left'}}>Creative Minds</li>
        </ul>
        <li style={{textAlign: 'left', color: 'white', fontSize:
'25px'}}>Artificial Intelligence</li>
        <ul>
          <li style={{textAlign: 'left'}}>Quantum Computing</li>
          <li style={{textAlign: 'left'}}>Deep Learning</li>
          <li style={{textAlign: 'left'}}>Optimisations</li>
          <li style={{textAlign: 'left'}}>Gaming and Esports</li>
          <li style={{textAlign: 'left'}}>Smart Data Sensing</li>
        </ul>
      </ol>
    </div>
  );
}

```

```

    </div>
  );
}

```

Dates.js

```

import React from 'react';
import ReactDOM from 'react-dom';
import time from './time.gif';

export default function Dates() {
  return (
    <div>
      <style dangerouslySetInnerHTML={{__html: "\n  body{\n    background-
color:lightgreen;\n    background-attachment:fixed;\n    background-
size:cover;\n    text-align:center;\n    font-weight:bold;\n  }\n  " }} />
      <br /><center><h1><span className="blink">Important
Dates</span></h1>
      <center><br /><br />
      <table border={1} width="50%" style={{backgroundColor:
'lightyellow'}}>
        <tbody><tr>
          <th style={{fontSize: '30px', color: 'red'}}>Event</th>
          <th style={{fontSize: '30px', color:
'darkgreen'}}>Date</th>
        </tr>
        <tr>
          <td style={{fontSize: '25px', color: 'slateblue',
textAlign: 'center'}}>Inaugural</td>
          <td style={{fontSize: '25px', color: 'brown', textAlign:
'center'}}>June 28, 2021</td>
        </tr>
        <tr>
          <td style={{fontSize: '25px', color: 'slateblue',
textAlign: 'center'}}>New Tech</td>
          <td style={{fontSize: '25px', color: 'brown', textAlign:
'center'}}>June 29, 2021</td>
        </tr>
        <tr>
          <td style={{fontSize: '25px', color: 'slateblue',
textAlign: 'center'}}>Mobile Awards</td>
          <td style={{fontSize: '25px', color: 'brown', textAlign:
'center'}}>June 30, 2021</td>
        </tr>
        <tr>
          <td style={{fontSize: '25px', color: 'slateblue',
textAlign: 'center'}}>Conclusion</td>
          <td style={{fontSize: '25px', color: 'brown', textAlign:
'center'}}>July 1, 2021</td>
        </tr>
      </tbody></table>
      </center>
      <br /><br />
      <img src={time} height="300px" width="300px" />
    </center>
    </div>
  );
}

```


Workshop.js

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

export default function Workshop() {
  return (
    <div>
      <style dangerouslySetInnerHTML={{__html: "\n      body{\n        background-color:lightseagreen;\n          text-align:center;\n          font-weight:bold;\n      }\n      " }} />
      <br /><h1>Pre Conference Workshop</h1> <br />
      <div className="box" style={{border: '8px dotted blue', width: '750px'}}>
        <p style={{fontSize: '25px', color: 'maroon'}}><br />Workshop 1 :
        Game Development<br />20 June 2021</p>
        <br /><p style={{fontSize: '25px', color: 'darkgreen'}}><br />
        />Workshop 2 : Cloud Computing<br />24 June 2021</p>
      </div>
    </div>
  );
}
```

Registration.js

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

import { useState } from "react";

export default function Registration() {
  const [fname,setFname] =useState('');
  const [lname,setLname] =useState('');
  const [mail,setMail] =useState('');
  return (
    <div>
      <br />
      <form>
        <label for="fname">FName:</label><br /><br />
        <input type="text" id="fname" name="fname" placeholder="First"
        value={fname} onChange={(e) => setFname(e.target.value)} /><br /><br />
        <label for="lname">LName:</label><br /><br />
        <input type="text" id="lname" name="lname" placeholder="Last"
        value={lname} onChange={(e) => setLname(e.target.value)} /><br /><br />
        <label for="gender">Gender:</label><br /><br />
        <select id="gender" name="gender">
          <option value="Select">Select</option>
          <option value="male">Male</option>
          <option value="female">Female</option>
        </select>
        <br /><br />
        <label for="mail">Mail ID:</label><br /><br />
        <input type="text" id="mail" name="mail"
        placeholder='example@xyz.com' value={mail} onChange={(e) =>
        setMail(e.target.value)} /><br /><br />
        <label for="workshop">Workshop </label><br /><br />
        <input type="radio" id="Cloud Computing" name="Cloud Computing"
        value="Cloud Computing" />
        <label for="Cloud Computing">Cloud Computing</label><br />
      </form>
    </div>
  );
}
```

```

        <input type="radio" id="Game Development" name="Game
Development" value="Game Development" />
        <label for="Game Development">Game Development</label><br /><br
/>
        <input type="button" value="Submit" onClick={(e)=>alert(fname+"
has submitted your registration")}/>
        </form>
    </div>
    );
}

```

Contact.js

```

import React from 'react';
import ReactDOM from 'react-dom';

export default function Contact(){
    return(
        <div>
            <style dangerouslySetInnerHTML={{__html: "\n    body{\n
background-color:lightyellow;\n        text-align:center;\n        font-
weight:bold;\n    }\n    " }} />
            <br /><h1>Contact Us</h1>
            <br /><br />
            <div className="box">
                <address style={{fontSize: '25px', color: 'maroon'}}>
                    Oragniser : <a href="mailto:ramesh@gmail.com"> Ramesh </a>
                    <br />Mobile No. : <a href="tel:10101 20202">10101 20202</a>
                </address>
                <br /><br /><br /><br />
                <address style={{fontSize: '25px', color: 'darkgreen'}}>
                    Manager : <a href="mailto:nessa@gmail.com"> Nessa </a>
                    <br />Mobile No. : <a href="tel:55555 44444">55555 44444</a>
                </address>
                <br /><br /><br /><br />
                <address style={{fontSize: '25px', color: 'purple'}}>
                    <a href="mailto:helpdesk@gmail.com"> Help Desk</a>
                    <br />Mobile No. : <a href="tel:1234567890">1234567890</a>
                </address>
            </div>
        </div>
    );
}

```

Screenshots:



Call For Papers

1. Connectivity

- 5g
- Wifi 6
- Cloud Connectivity
- Network Optimisation
- Cyber Security
- Distribution System

2. User Experience

- After Sale Support
- Security Patches
- Easy Query
- Feedback Portal

3. Start Ups

- Tech Horizon
- Deal Flow
- Creative Minds

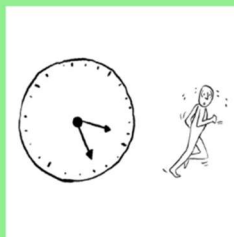
4. Artificial Intelligence

- Quantum Computing
- Deep Learning
- Optimisations
- Gaming and Esports
- Smart Data Sensing

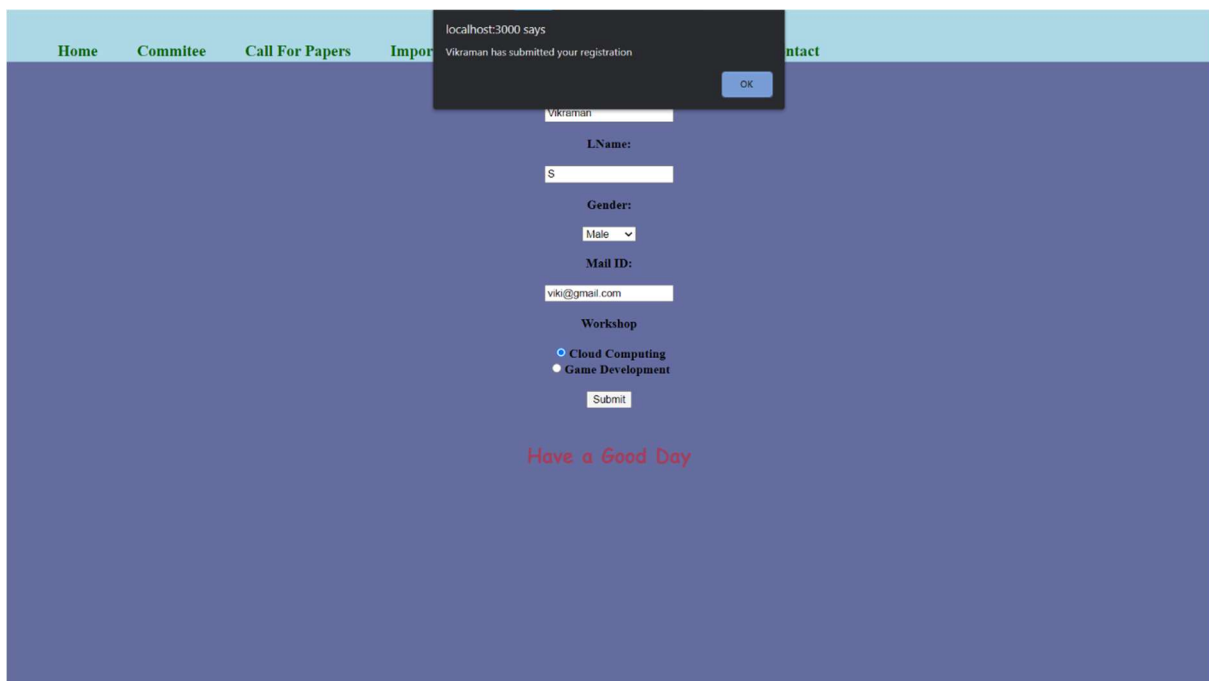
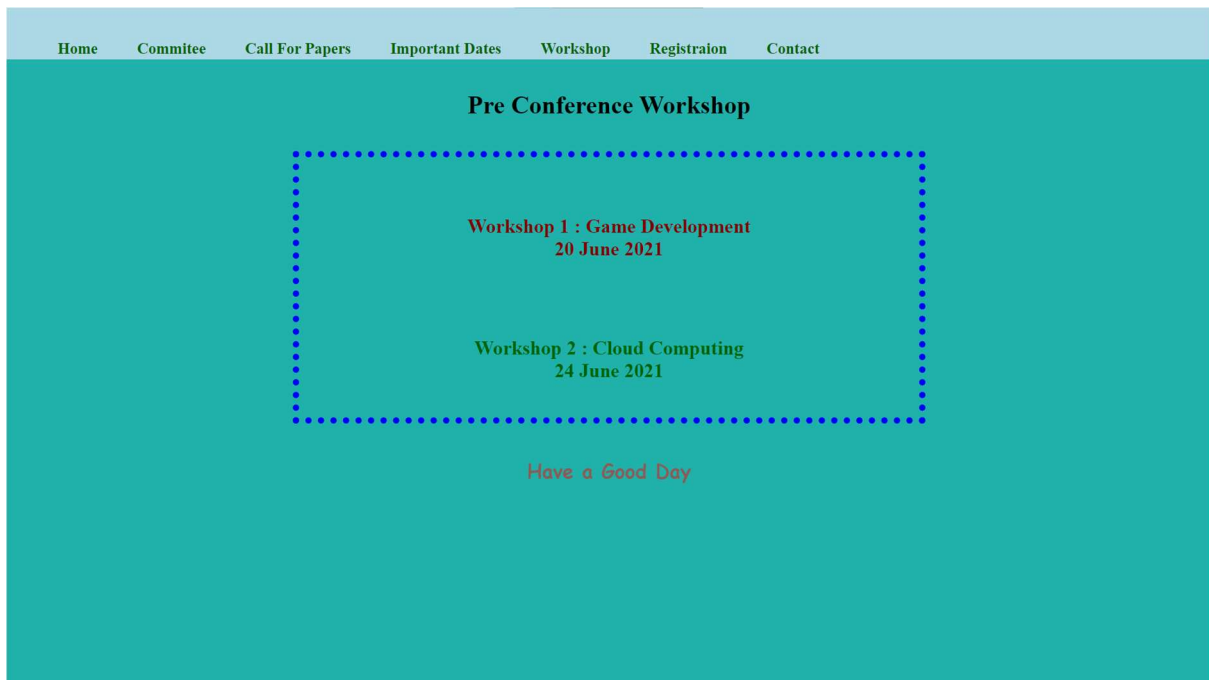
Have a Good Day

Important Dates

Event	Date
Inaugural	June 28, 2021
New Tech	June 29, 2021
Mobile Awards	June 30, 2021
Conclusion	July 1, 2021



Have a Good Day





Learning Outcome:

- I have understood the working of React js for frontend.
- I have learnt to use React Router for page navigation.
- I have learnt JSX for developing the web page.
- I have learnt to create form as a react component.
- I have understood form how to convert html code to JSX.