**Digital Nurture 4.0 Deep Skilling - Java FSE**

**Week 7 – React 09\_ReactJS\_HOL HandsOn**

Create a React Application named “cricketapp” with the following components:

**1. ListofPlayers**

· Declare an array with 11 players and store details of their names and scores using the map feature of ES6

**2. IndianPlayers**

a. Display the Odd Team Player and Even Team players using the Destructuring features of ES6

b. Declare two arrays T20players and RanjiTrophy players and merge the two arrays and display them using the Merge feature of ES

**CODE**

**App.js**

import React from 'react';

import ListOfPlayers from './ListOfPlayers';

import ScoreBelow70 from './ScoreBelow70';

import { OddPlayers } from './OddPlayers';

import { EvenPlayers } from './EvenPlayers';

import ListOfIndianPlayers from './ListOfIndianPlayers';

const App = () => {

const flag = false;

const players = [

{ name: 'Jack', score: 50 },

{ name: 'Michael', score: 70 },

{ name: 'John', score: 40 },

{ name: 'Ann', score: 61 },

{ name: 'Elisabeth', score: 61 },

{ name: 'Sachin', score: 95 },

{ name: 'Dhoni', score: 100 },

{ name: 'Virat', score: 84 },

{ name: 'Jadeja', score: 64 },

{ name: 'Raina', score: 75 },

{ name: 'Rohit', score: 80 },

];

const IndianTeam = ['Sachin1', 'Dhoni2', 'Virat3', 'Rohit4', 'Yuvaraj5', 'Raina6'];

const T20Players = ['First Player', 'Second Player', 'Third Player'];

const RanjiTrophyPlayers = ['Fourth Player', 'Fifth Player', 'Sixth Player'];

const IndianPlayers = [...T20Players, ...RanjiTrophyPlayers];

return (

<div>

{flag === true ? (

<div>

<h1>List of Players</h1>

<ListOfPlayers players={players} />

<hr />

<h1>List of Players having Scores Less than 70</h1>

<ScoreBelow70 players={players} />

</div>

) : (

<div>

<h1>Odd Players</h1>

<OddPlayers team={IndianTeam} />

<hr />

<h1>Even Players</h1>

<EvenPlayers team={IndianTeam} />

<hr />

<h1>List of Indian Players Merged:</h1>

<ListOfIndianPlayers IndianPlayers={IndianPlayers} />

</div>

)}

</div>

);};

export default App;

**EvenPlayers.js**

import React from 'react';

export function EvenPlayers({ team }) {

const [, second, , fourth, , sixth] = team;

return (

<ul className="player-list">

<li>Second: {second}</li>

<li>Fourth: {fourth}</li>

<li>Sixth: {sixth}</li>

</ul>

);

}

**OddPlayers.js**

import React from 'react';

const ScoreBelow70 = ({ players }) => {

const filtered = players.filter(player => player.score < 70);

return (

<ul className="player-list">

{filtered.map((player, index) => (

<li key={index}>

Mr. {player.name}<span> {player.score}</span>

</li>

))}

</ul>);};

export default ScoreBelow70;

**ListOfPlayers.js**

import React from 'react';

const ListOfPlayers = ({ players }) => {

return (

<ul className="player-list">

{players.map((player, index) => (

<li key={index}>

Mr. {player.name}<span> {player.score}</span>

</li>

))}

</ul>);};

export default ListOfPlayers;

**OUTPUT**



