### Functional Components

#### Objectives and Outcomes

In this lesson we explore the design of functional components in React. We will reimplement both the Navigation and Players component as pure functional components. At the end of this exercise you will be able to:

* Implement functional components in React
* Illustrate the reimplementation of presentational components as pure functional components

#### Implementing Functional Components

* Open *Navigation.js* and update it as follows:

import React from 'react'

export default function Navigation() {

  return (

    <nav>

  <ul>

      <li><a className='active' href='#home'>Home</a></li>

      <li><a href='#news'>News</a></li>

      <li><a href='#about'>About</a></li>

      <li><a href='#contact'>Contact</a></li>

  </ul>

</nav>

  )

}

* Then open *Players.js* and update it as follows:

import React from 'react'

import { Players } from '../Share/ListOfPlayers'

export default function Players {

    return (

    <div className='container'>

        {Players.map((player)=>(

           <div className='column'>

           <div className='card'>

           <img src={player.img}/>

             <h3>{player.name}</h3>

             <p className='title'>{player.club}</p>

             <p><button>Detail</button></p>

           </div>

         </div>

        ))}

    </div>

  )

}

* Save all the changes and do a Git commit with the message "Functional Components".

#### Conclusions

In this exercise we have learnt to implement our components as pure functional components.