## Dileep Gedela

Case Study 1: Use and get familiar with installation, components, JSX, Developer Console, Babel, props, events and states.

```
Code:
App.js
import React from 'react';
import './App.css';
import CricketerList from './components/CricketerList';
function App() {
 return (
  <div className="App">
   <CricketerList />
  </div>
 );
export default App;
CricketerList.js
import React, { useState } from 'react';
import CricketerVote from './CricketerVote';
import './CricketerList.css';
import cricketer1 from '../assets/cricketer1.jpg';
import cricketer2 from '../assets/cricketer2.jpg';
import cricketer3 from '../assets/cricketer3.jpg';
import cricketer4 from '../assets/cricketer4.jpg';
import cricketer5 from '../assets/cricketer5.jpg';
```

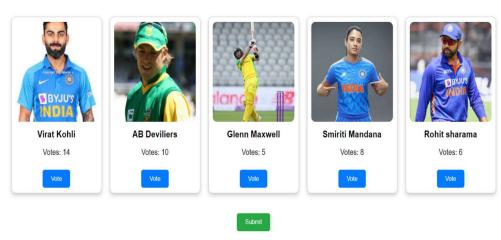
```
const cricketersData = [
 { id: 1, name: 'Virat Kohli', image: cricketer1, votes: 0 },
 { id: 2, name: 'AB Deviliers', image: cricketer2, votes: 0 },
 { id: 3, name: 'Glenn Maxwell', image: cricketer3, votes: 0 },
 { id: 4, name: 'Smiriti Mandana', image: cricketer4, votes: 0 },
 { id: 5, name: 'Rohit sharama', image: cricketer5, votes: 0 },
];
const CricketerList = () => {
 const [cricketers, setCricketers] = useState(cricketersData);
 const [submitted, setSubmitted] = useState(false);
 const handleVote = (id) \Rightarrow \{
  const updatedCricketers = cricketers.map((cricketer) =>
   cricketer.id === id ? { ...cricketer, votes: cricketer.votes + 1 } : cricketer
  );
  setCricketers(updatedCricketers);
 };
 const handleSubmit = () => {
  setSubmitted(true);
 };
 const winner = cricketers.reduce(
  (max, cricketer) => (cricketer.votes > max.votes ? cricketer : max),
  cricketers[0]
 );
 return (
  < div>
```

```
<h1>Cricketer Voting</h1>
   <div className="cricketer-list">
     {cricketers.map((cricketer) => (
      <CricketerVote key={cricketer.id} cricketer={cricketer}</pre>
onVote={handleVote} />
    ))}
   </div>
   <button className="submit-button"</pre>
onClick={handleSubmit}>Submit</button>
   {submitted && (
    < h2 >
      {winner.name} is getting the maximum votes with {winner.votes} votes!
    </h2>
   )}
  </div>
 );
};
export default CricketerList;
CricketerVote.js
import React from 'react';
const CricketerVote = ({ cricketer, onVote }) => (
 <div className="cricketer">
  <img src={cricketer.image} alt={cricketer.name} />
  <h3>{cricketer.name}</h3>
  Votes: {cricketer.votes}
  <button onClick={() => onVote(cricketer.id)}>Vote</button>
```

</div>
);
export default CricketerVote;

## **Output:**

## **Cricketer Voting**



Virat Kohli is getting the maximum votes with 14 votes!