StopWatch.jsx

```
import { useState, useEffect } from "react";
const Stopwatch = () => {
  const [time, setTime] = useState(0);
  const [isRunning, setIsRunning] = useState(false);
  const [isPaused, setIsPaused] = useState(false);
  useEffect(() => {
    let timer;
    if (isRunning && !isPaused) {
      timer = setInterval(() => {
        setTime((prevTime) => prevTime + 1);
      }, 1000);
    }
    return () => clearInterval(timer);
  }, [isRunning, isPaused]);
  const startStopwatch = () => {
    setTime(0);
    setIsRunning(true);
    setIsPaused(false);
  };
  const stopStopwatch = () => {
    setIsRunning(false);
    setTime(0);
    setIsPaused(false);
  };
  const pauseStopwatch = () => {
    setIsPaused(true);
  };
  const resumeStopwatch = () => {
    setIsPaused(false);
  };
  return (
    <div className="stopwatch-container">
      <h2>⏱️ Stopwatch</h2>
      <div className="time-display">{time} sec</div>
      <div className="buttons">
        {!isRunning && <button onClick={startStopwatch} className="start">Start</button>}
        {isRunning && !isPaused && <button onClick={pauseStopwatch} className="pause">Pause</button>}
        {isPaused && <button onClick={resumeStopwatch} className="resume">Resume</button>}
        <button onClick={stopStopwatch} className="stop">Stop</button>
      </div>
    </div>
  );
};
export default Stopwatch;
```

StopWatch.css

```
/* Center the stopwatch */
.app {
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
  }
  /* Stopwatch Container */
  .stopwatch-container {
    background: white;
    padding: 30px;
    margin: 0 506px;
    border-radius: 15px;
    text-align: center;
```

```css
  box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);
  width: 450px;
}
h2 {
  color: #333;
  font-size: 37px;
  margin-bottom: 30px;
}
/* Display Time */
.time-display {
  font-size: 2rem;
  font-weight: bold;
  background: #000000;
  padding: 10px;
  border-radius: 10px;
  margin-bottom: 30px;
}
/* Buttons */
.buttons {
  display: flex;
  justify-content: space-between;
  gap: 10px;
}
button {
  flex: 1;
  padding: 12px;
  font-size: 16px;
  border: none;
  border-radius: 8px;
  cursor: pointer;
  transition: all 0.2s ease-in-out;
  color: rgb(0, 0, 0);
}
/* Button Colors */
.start {
  background-color: #28a745;
}
.pause {
  background-color: #ffc107;
}
.resume {
  background-color: #17a2b8;
}
.stop {
  background-color: #dc3545;
}
/* Hover Effects */
button:hover {
  opacity: 0.8;
}
/* Responsive Design */
@media (max-width: 400px) {
  .stopwatch-container {
    width: 90%;
    padding: 20px;
  }
  .buttons {
    flex-direction: column;
  }
}
```

App.jsx

```
import Stopwatch from "./Components/StopWatch.jsx";
import "./Components/StopWatch.css";
function App() {
  return (
    <div className="app">
      <Stopwatch />
    </div>
  );
}
export default App;
```

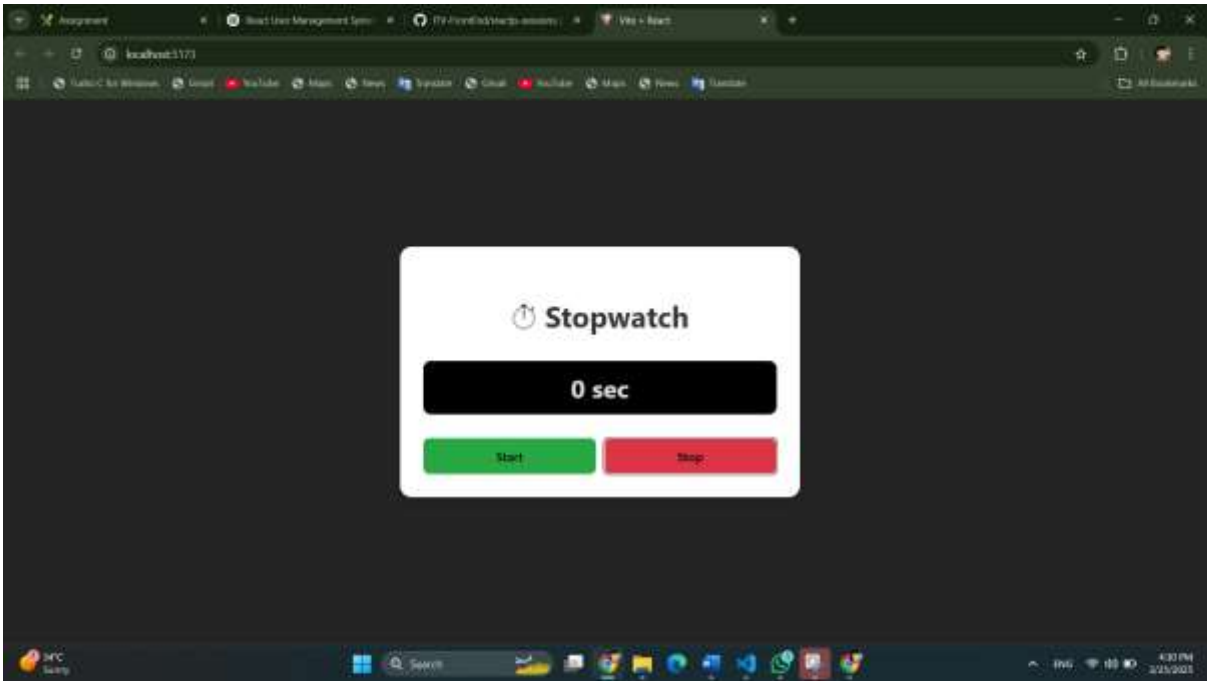
App.css

```
body {
  font-family: Arial, sans-serif;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  background-color: #f4f4f4;
  margin-top: 0px;
}
.stopwatch-container {
  background: rgb(0, 0, 0);
  height: 320px;
  width: 320px;
  padding: 50px 30px 30px 30px;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  text-align: center;
}
```

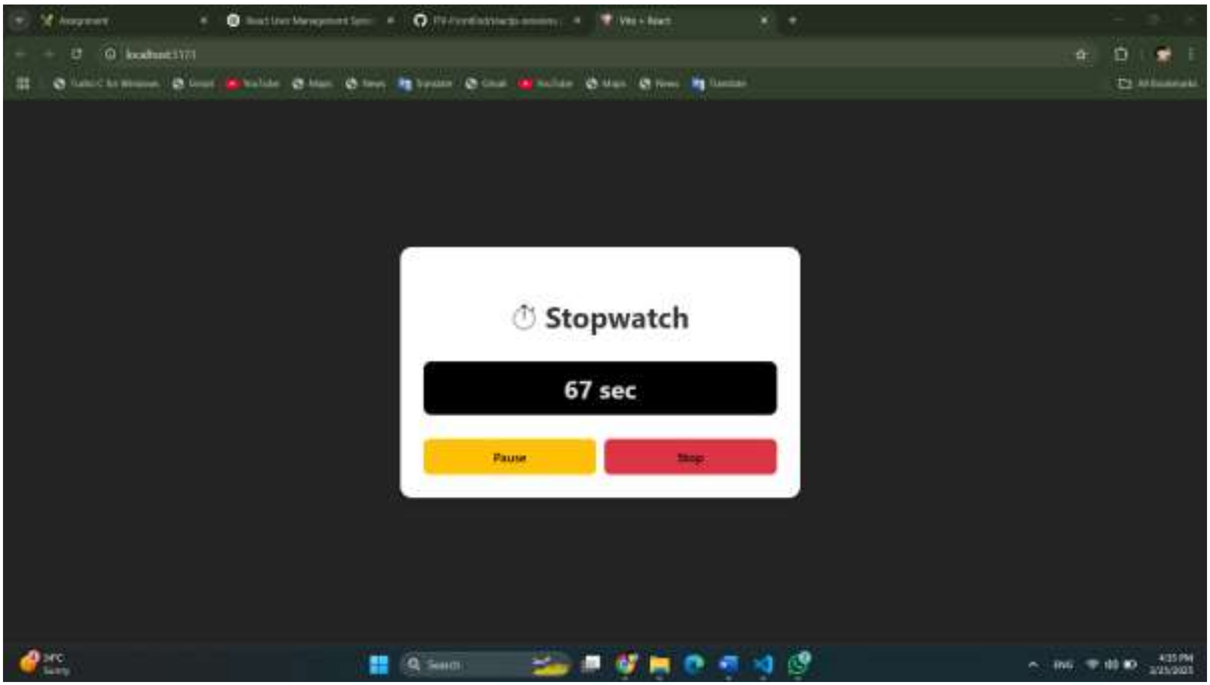
```css
h1 {
  color: #000000;
}
h2 {
  font-size: 2rem;
  margin: 25px 0;
}
.buttons button {
  margin: 5px;
  padding: 10px 15px;
  font-size: 16px;
  border: none;
  cursor: pointer;
  border-radius: 5px;
}
.buttons button:nth-child(1) {
  background-color: #28a745;
  color: white;
}
.buttons button:nth-child(2) {
  background-color: #ffc107;
  color: white;
}
.buttons button:nth-child(3) {
  background-color: #17a2b8;
  color: white;
}
.buttons button:nth-child(4) {
  background-color: #dc3545;
  color: white;
}
```

```
.buttons button:hover {
  opacity: 0.8;
}
```

Before Starting



After Starting



⏱ Stopwatch
67 sec
Pause
Stop