index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Countdown Timer</title>
    <script src="script.js"></script>
    <style>
        body {
            font-family: Arial, sans-serif;
            text-align: center;
            margin-top: 50px;
        }
        .timer-box {
            display: inline-block;
            border: 1px solid #ccc;
            padding: 20px;
            margin: 20px;
            background-color: #f9f9f9;
        }
        .timer-display {
            font-size: 2em;
            margin-top: 20px;
        }
    </style>
</head>
<body>
<h1>Countdown Timer</h1>
```

```html
    <div class="timer-box">
        <label for="expiryDate">Expiry Date (YYYY-MM-DD):</label>
        <input type="date" id="expiryDate" required><br><br>
        <label for="expiryTime">Expiry Time (HH:MM:SS):</label>
        <input type="time" id="expiryTime" step="1" required><br><br>
        <button onclick="startTimer()">Start Countdown</button>
    </div>

    <div class="timer-box">
        <div id="currentTime"></div>
        <div id="expiryTimeDisplay"></div>
        <div class="timer-display" id="countdown"></div>
        <div id="message"></div>
    </div>+
</body>
</html>
```

script.js

```javascript
function startTimer() {
    const expiryDate = document.getElementById("expiryDate").value;
    const expiryTime = document.getElementById("expiryTime").value;

    if (!expiryDate || !expiryTime) {
        alert("Please enter both date and time for the timer.");
        return;
    }
    const expiryDateTime = new Date(`${expiryDate}T${expiryTime}`);
    document.getElementById("expiryTimeDisplay").textContent = `Expiry
Time: ${expiryDateTime}`;

    const timerInterval = setInterval(function () {
        const currentTime = new Date();
        document.getElementById("currentTime").textContent = `Current Time:
${currentTime}`;
```

```
        const timeDifference = expiryDateTime - currentTime;

        if (timeDifference <= 0) {

            clearInterval(timerInterval);

    document.getElementById("countdown").textContent = "00d 00h 00m 00s";

            document.getElementById("message").textContent = "Countdown
Timer Expired";

        } else {

            const days = Math.floor(timeDifference/ (1000 * 60 * 60 * 24));

            const hours = Math.floor((timeDifference%(1000 * 60 * 60 * 24))
/ (1000 * 60 * 60));

            const minutes = Math.floor((timeDifference % (1000 * 60 * 60))
/ (1000 * 60));

            const seconds = Math.floor((timeDifference%(1000*60)) / 1000);

            document.getElementById("countdown").textContent =

                `${days}d ${hours}h ${minutes}m ${seconds}s`;

        }

    }, 1000);

}
```

OUTPUT: