To convert the provided HTML, CSS, and JavaScript code into a React.js application, we'll create the following components:

1. \*\*App Component\*\*: Main application component that renders the header and booking form.

2. \*\*Header Component\*\*: For the navigation bar.

3. \*\*BookingForm Component\*\*: For the form itself.

We'll also use CSS-in-JS for styling to keep the styles within the React components.

Here is the React.js version of your code:

\*\*App.js\*\*

```jsx

import React from 'react';

import Header from './Header';

import BookingForm from './BookingForm';

import './App.css';

function App() {

return (

<div className="App">

<Header />

<main className="container">

<BookingForm />

</main>

</div>

);

}

export default App;

```

\*\*Header.js\*\*

```jsx

import React from 'react';

function Header() {

return (

<header>

<div className="container">

<h1>Bookings</h1>

<nav>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="bookings.html" className="active">My Bookings</a></li>

<li><a href="login.html">Login</a></li>

</ul>

</nav>

</div>

</header>

);

}

export default Header;

```

\*\*BookingForm.js\*\*

```jsx

import React, { useState } from 'react';

function BookingForm() {

const [formData, setFormData] = useState({

name: '',

email: '',

date: '',

time: ''

});

const handleChange = (e) => {

const { name, value } = e.target;

setFormData({

...formData,

[name]: value

});

};

const handleSubmit = (e) => {

e.preventDefault();

const { name, email, date, time } = formData;

if (name === '' || email === '' || date === '' || time === '') {

alert('Please fill in all fields.');

return;

}

fetch('https://example.com/booking', {

method: 'POST',

headers: {

'Content-Type': 'application/json'

},

body: JSON.stringify(formData)

})

.then(response => response.json())

.then(data => {

console.log('Booking successful:', data);

alert('Booking successful!');

setFormData({

name: '',

email: '',

date: '',

time: ''

});

})

.catch(error => {

console.error('Error:', error);

alert('Error occurred. Please try again later.');

});

};

return (

<section id="booking-form">

<h2>Book Your Turf</h2>

<form onSubmit={handleSubmit}>

<div className="form-group">

<label htmlFor="name">Full Name</label>

<input

type="text"

id="name"

name="name"

value={formData.name}

onChange={handleChange}

required

/>

</div>

<div className="form-group">

<label htmlFor="email">Email Address</label>

<input

type="email"

id="email"

name="email"

value={formData.email}

onChange={handleChange}

required

/>

</div>

<div className="form-group">

<label htmlFor="date">Date of Booking</label>

<input

type="date"

id="date"

name="date"

value={formData.date}

onChange={handleChange}

required

/>

</div>

<div className="form-group">

<label htmlFor="time">Time Slot</label>

<select

id="time"

name="time"

value={formData.time}

onChange={handleChange}

required

>

<option value="morning">Morning (8 AM - 12 PM)</option>

<option value="afternoon">Afternoon (12 PM - 4 PM)</option>

<option value="evening">Evening (4 PM - 8 PM)</option>

</select>

</div>

<button type="submit">Confirm Booking</button>

</form>

</section>

);

}

export default BookingForm;

```

\*\*App.css\*\*

```css

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f4f4f4;

}

.container {

width: 90%;

margin: auto;

overflow: hidden;

}

header {

background-color: #2cb56c;

color: #fff;

padding: 1rem 0;

text-align: center;

}

header h1 {

margin-top: 0;

}

header nav {

margin-top: 10px;

}

header nav ul {

list-style: none;

}

header nav ul li {

display: inline;

margin-left: 20px;

}

header nav ul li a {

color: #fff;

text-decoration: none;

}

main {

padding: 1rem 0;

}

form {

background-color: #fff;

border: 1px solid #ddd;

border-radius: 8px;

box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

padding: 20px;

max-width: 600px;

margin: 20px auto;

}

.form-group {

margin-bottom: 20px;

}

label {

display: block;

margin-bottom: 5px;

}

input[type="number"],

input[type="time"] {

width: calc(100% - 12px);

padding: 10px;

font-size: 16px;

border: 1px solid #ddd;

border-radius: 5px;

}

button.create-button {

background-color: #2cb56c;

color: #fff;

border: none;

padding: 12px 24px;

font-size: 16px;

font-weight: bold;

text-transform: uppercase;

border-radius: 5px;

cursor: pointer;

transition: background-color 0.3s ease;

}

button.create-button:hover {

background-color: #555;

}

footer {

background-color:#2cb56c;

color: #fff;

text-align: center;

padding: 10px 0;

position: fixed;

bottom: 0;

width: 100%;

}

```

To run this React application:

1. Create a new React app using `create-react-app`.

2. Replace the content of `App.js` with the provided code for `App.js`.

3. Create new files `Header.js`, `BookingForm.js`, and `App.css` and paste the respective code into these files.

4. Run your application using `npm start`.

This setup will recreate your HTML, CSS, and JavaScript in a React.js environment, making it modular and easier to maintain.