Case Study for (Node JS, React and Vue.JS)

Sports event booking App

Sportz Interactive has annual sports event coming for which we shall be creating equipment and venue booking app for practice.

Infrastructure management
HR / admin login will add **Venues** for each sport and sports equipment inventory like Table Tennis table, tennis racket and ping pong ball, carrom table, coins and striker. chess board and pawns. cricket bat, ball, wicket, pad set, Football, Basketball etc. along with the duration that each **venue** can be used /booked for. For eg. Table Tennis Table can be booked for a 60 min slot. Cricket venue for 2 hrs. etc.

Employee login will be able to pre book
Select the sport and select the venue and the equipment they want to use for the duration required using the equipment for practice for the **preset** duration by HR / admin. Once the employee team applies for the booking the HR / Admin will approve the time and equipment
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Research : Teams will have to do research on what equipment is needed to play each game like TT, Carrom, Chess, Cricket, hockey, boxing, lawn tennis, badminton, basketball etc. teams will have to do research on the duration it takes and the process involved in playing.

Additional features
The team will get the notification upon approval
The team will get a reminder 1 hr before the booking time.
HR / will be able to mark the show / no show and reschedule the slots
No venues can be booked by multiple teams for the same time slot.

Max time for the project 1 week
Technologies used HTML, CSS, JavaScript, React with Postgres