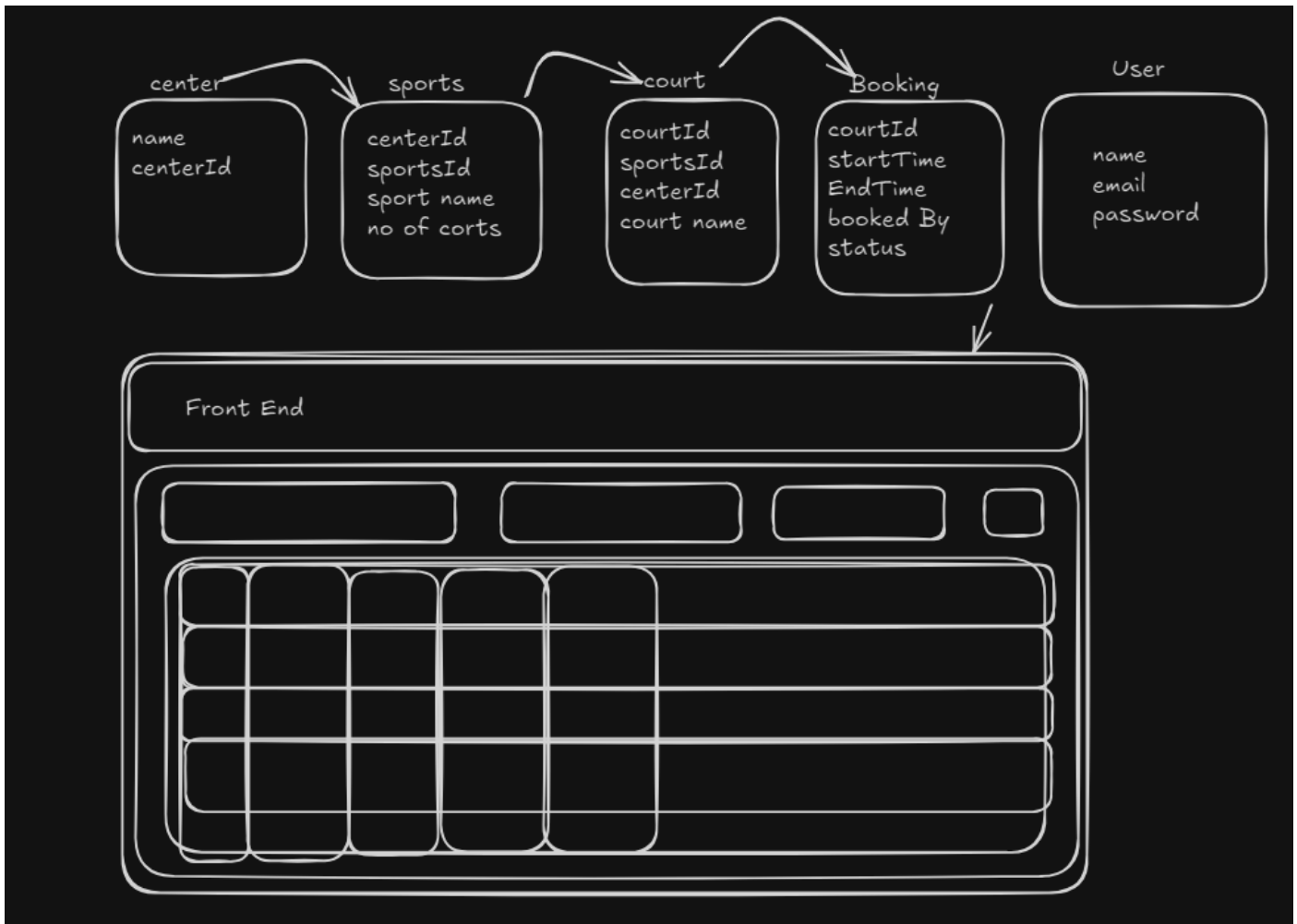


**Introduction :** It was a task to build the booking app for operations team . Made using MERN stack deployed on AWS EC2 and Cloudfront

**Design Decisions/Implementation Details :**



For backend

the user should have entry in database to make and see the changes in booking

I did applied the authentication using JWT and cookies

For data bases as shown in figure the schemas are related by reference id

For Frontend

There is login/signup page and dashboard page

User have to first login

User have to select the location sports and data to be abel do the required operation

**Challenges and Solutions:** there was 2 challenges mainly

Firstly there is this database schemas how you can realate and store it in db

I came up with some schemas and added relation to overcome the problem

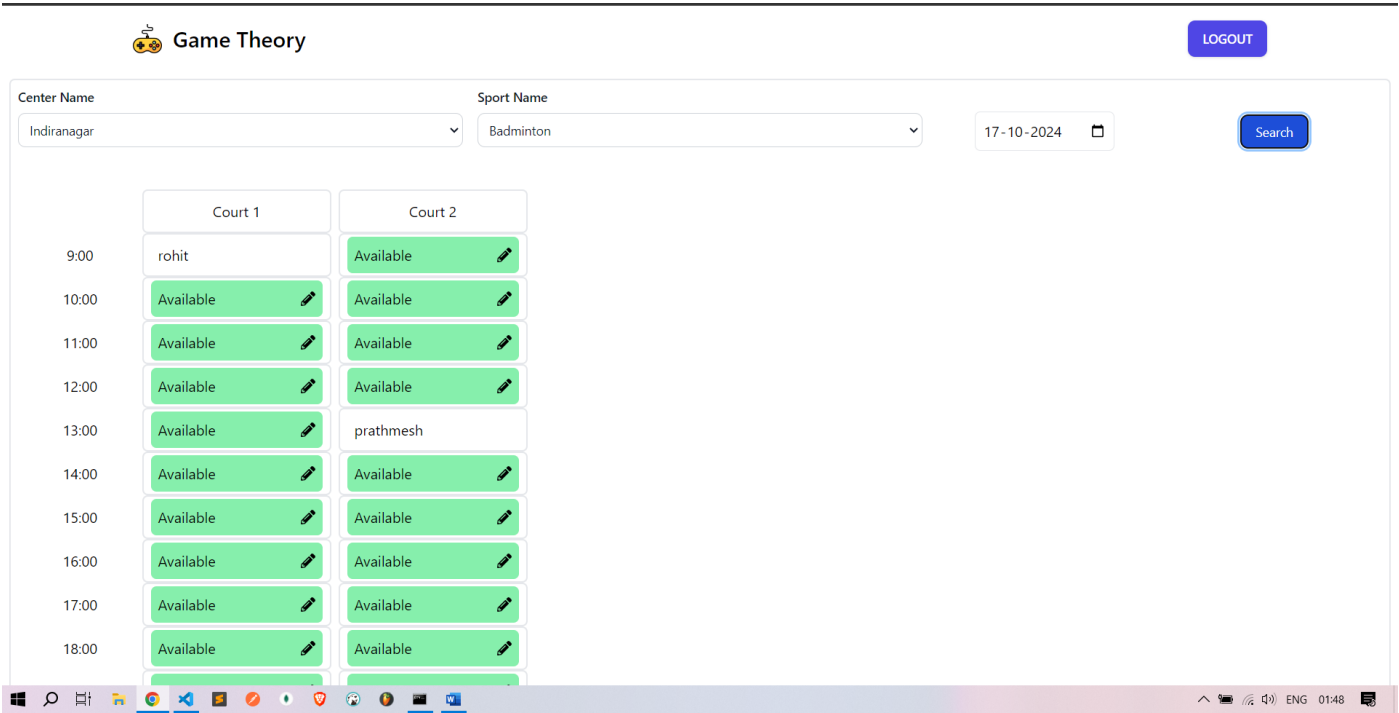
Second:

The challenge was to display it on frontend its was so hard to make time table like grid and do the check and yeah I did add all the things in dashboard.jsx because for me it was becoming so hard to keep hopping between the files as I have to make it fast

Future Improvements:

Once the entry is made in db it cannot be changed maybe this can be improved ui/ux can be improved code can be optimised into more componentents it can be made responsive

Screen Shot:



Center Name

Indiranagar

Sport Name

Badminton

17-10-2024

Search

Court 1

Court 2

9:00

rohit

Available

10:00

Available

Available

11:00

Available

Available

12:00

Available

Available

13:00

Available

prathmesh

14:00

Available

Available

15:00

Available

Available

16:00

Available

Available

17:00

Available

Available

18:00

Available

Available

## Book Slot

Name

Enter your name

Cancel

Submit