

Craft Demo – Smart Meeting Organizer

Duration: 60min

Problem:

Create a reactJs webapp which help in adding a meeting getting the best free room available.

You will get a ready GraphQL server available which can be used to fetch entities such as Buildings, Meetings and MeetingRooms etc.. You can also run mutation query to add more to it.

You can find few sample mockup of UI below, feel free to use your imagination.

User should be able to do following operations:

1. First page should show info about Buildings, Meeting Rooms and Meetings (Refer Mock UI)
2. User should be able to click on Add meeting button and move on to second page where it can take relevant inputs to add a meeting. Inputs such as Date, Start and Endtime, Building etc. (refer mock UI)
3. User should be able to see list of free rooms available along with floors info.
4. API doesn't support the logic to compute free rooms, this logic should be built on UI

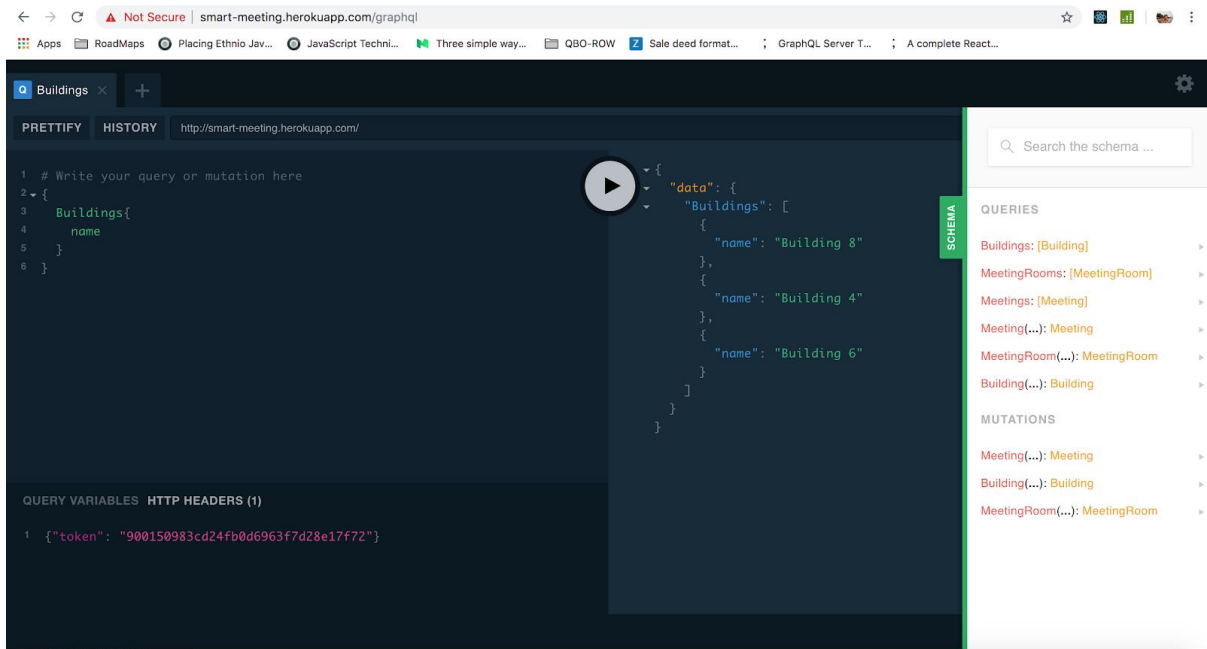
GraphQL Server Info

Server: <http://smart-meeting.herokuapp.com>

PlayGround - <http://smart-meeting.herokuapp.com/graphql>

IMPORTANT: Please add a token of your choice, preferred hash code in headers while making request e.g. {"token":"a123gjhgsdf6576"}

You will already find some sample data when you start. You can feel free to add more data.



Sample GraphQL API

Fetch All Buildings

```
{
  Buildings {
    name
    meetingRooms{
      name
      meetings{
        title
        date
        startTime
        endTime
      }
    }
  }
}
```

Fetch All MeetingRooms

```
{
  MeetingRooms{
    name
    floor
    building{
      name
    }
    meetings{
      title
    }
  }
}
```

```
}  
}
```

Add a Meeting

```
mutation {  
  Meeting(  
    id: 1  
    title: "Booked3"  
    date: "13/02/2019"  
    startTime: "21:00"  
    endTime: "22:00"  
    meetingRoomId: 1) {  
    id  
    title  
  }  
}
```

Building 4

✓ Building 4

Building 6

Building 8

Buildings

Total 4

Rooms

Total 20

Free Now 5

Meetings

Total 100 Today

Total 10 Going on now

Add a Meeting

Add Meeting

Date

Start Time

End Time

Select Building

Next

Please select one of the Free Rooms

Punjab

Building 8

Floor 7

Tamil Nadu

Building 8

Floor 7

Kaveri

Building 8

Floor 4

Aryabhatta

Building 8

Floor 2

Save