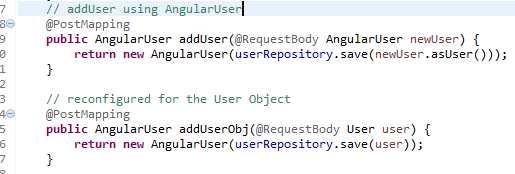
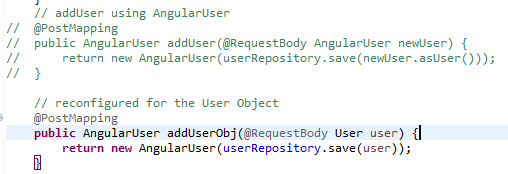
Using Javascript Objects:

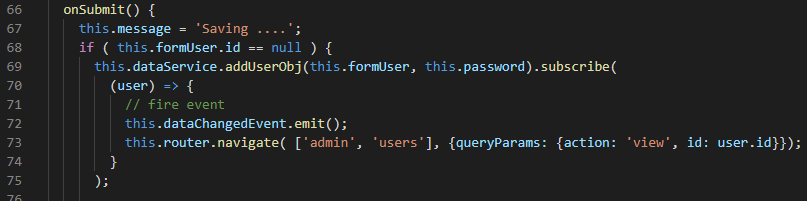
Need a way to send an Object of Type user to the backend:



Cannot have both running:



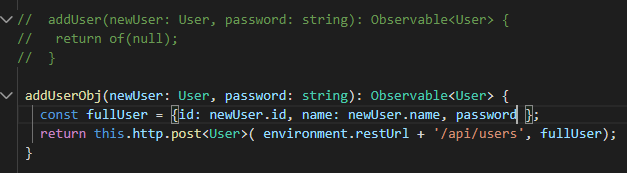
Add addUserObj to user-edit-component class



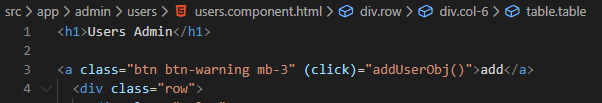
Put in reflective method in user-component.ts class

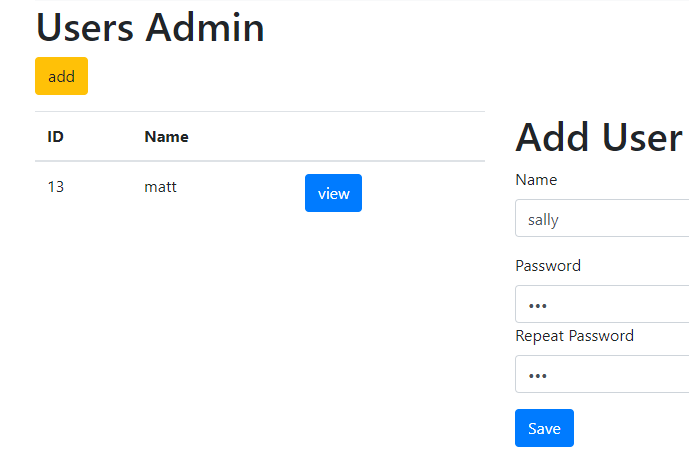


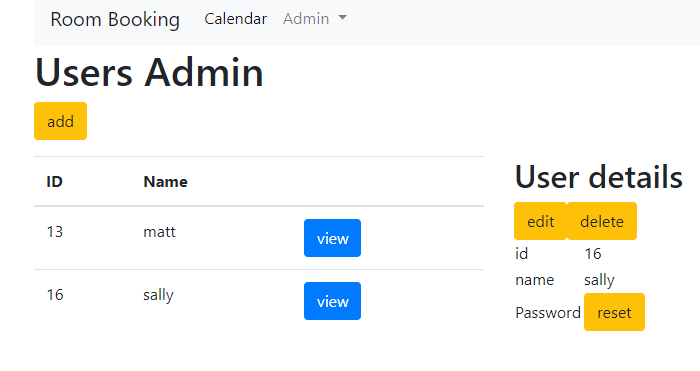
Add reflective method to the dataservice.ts class



Use the right calling method in the html file:

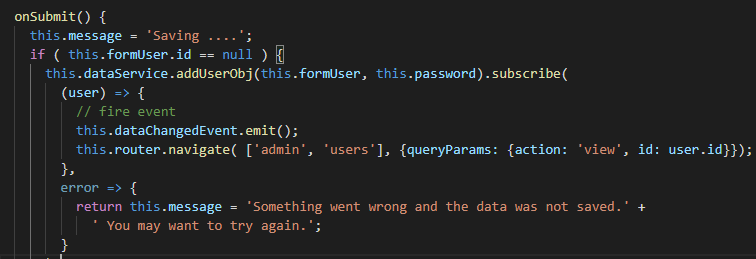




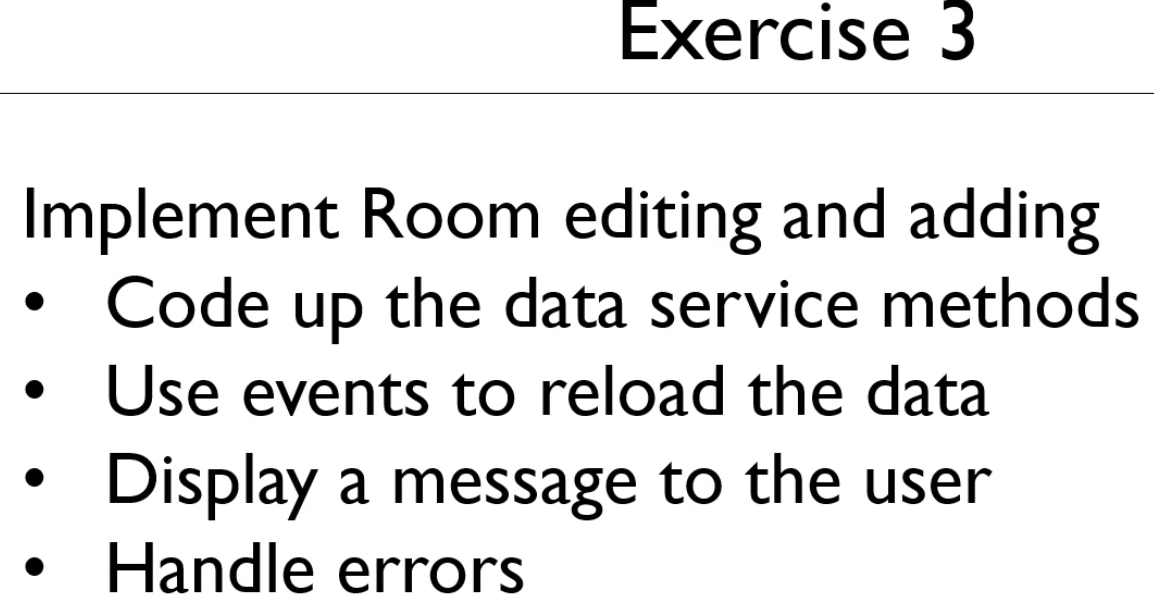


It works!! Should replace the addUserObj() with addUser()

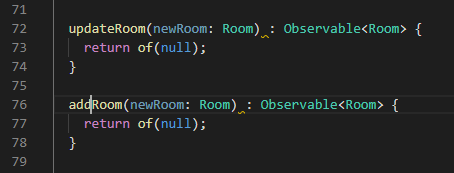
Add the Error condition as an extra parameter in the user-edit-component class

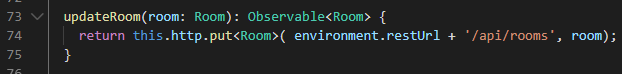


**Exercise 3 – POST and PUT**

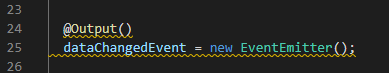


In the dataservice.ts class implement the updateRoom:

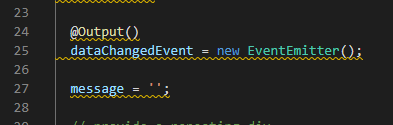




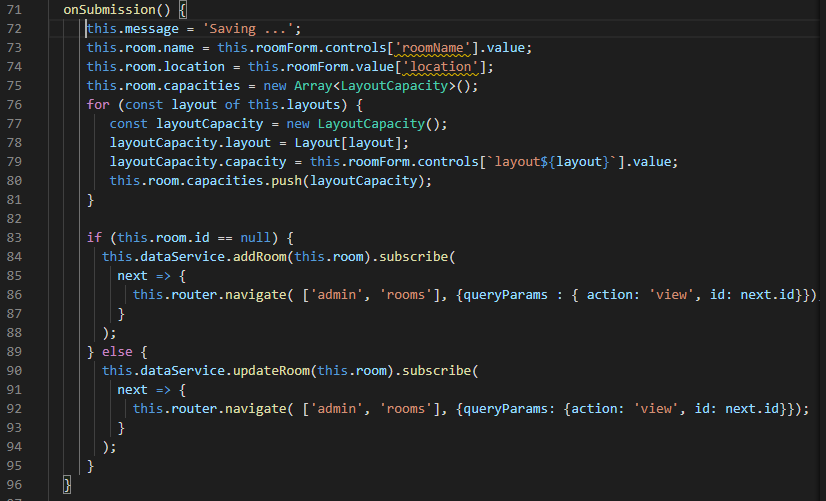
Create an event in the room-edit-component.ts class:



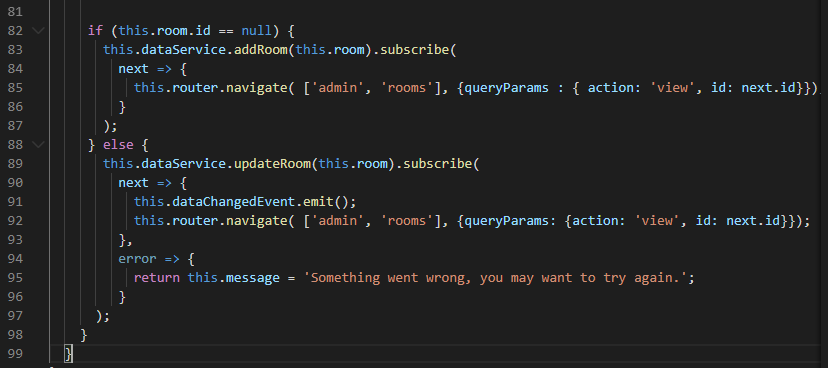
For error handling let us create a message variable



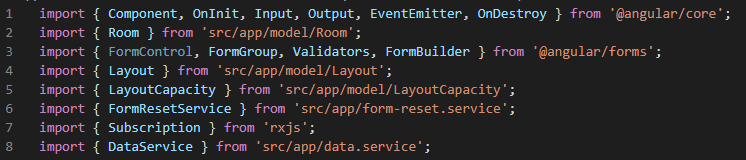
**Let us populate the expected message delay:** Saving …



Fire off the event (this.dataChangedEvent.emit) as soon as the Save is complete

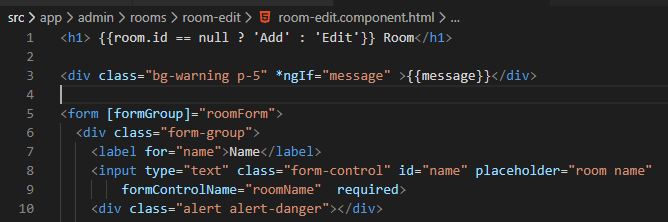


Remember to import the EventEmitter into the @angular/core import

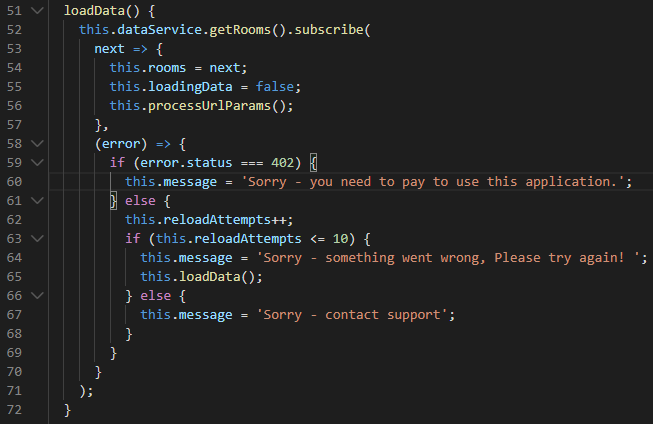


Now in the the room-edit-html page we need to code the handlers:

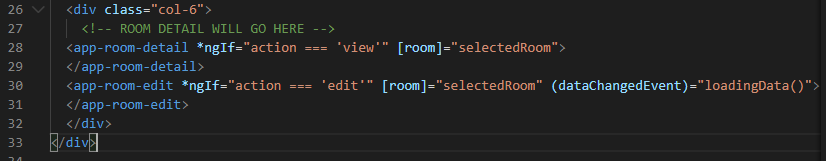
Added the div for the message



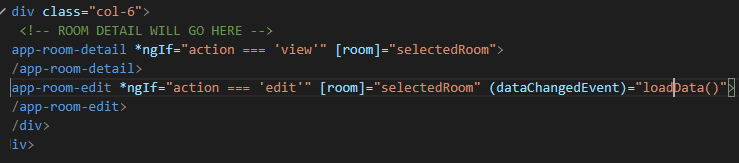
Now go to the rooms.component.ts and bind subscribed to the event



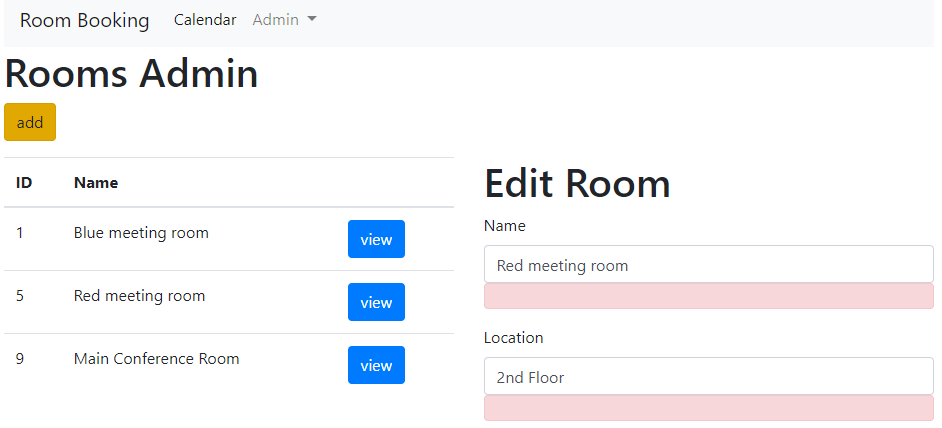
Now, code the html page, rooms.component.html – add the dataChangedEvent



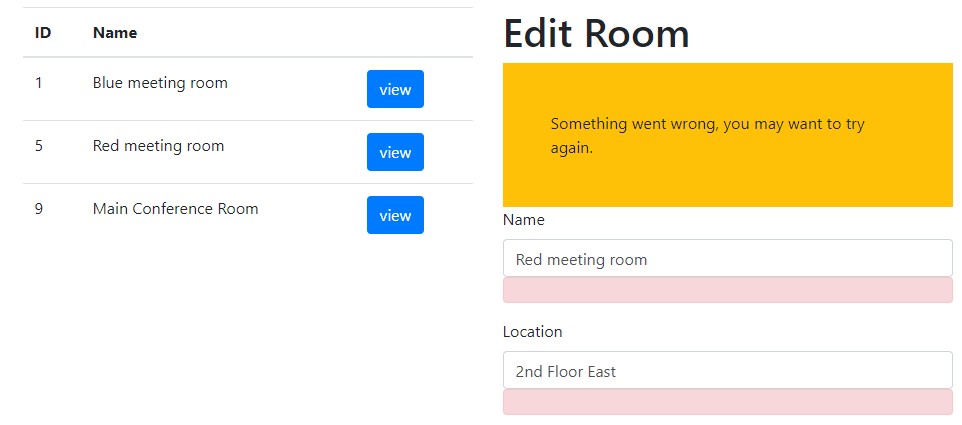
This is not loadingData() but loadData()



Now, let us test this:



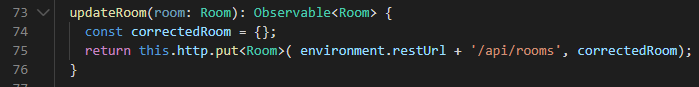
Edit the Location to 2nd Floor East and Save

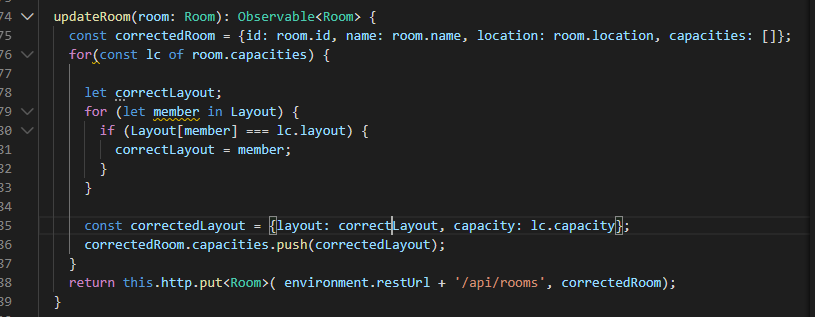


There is an error on the REST server:

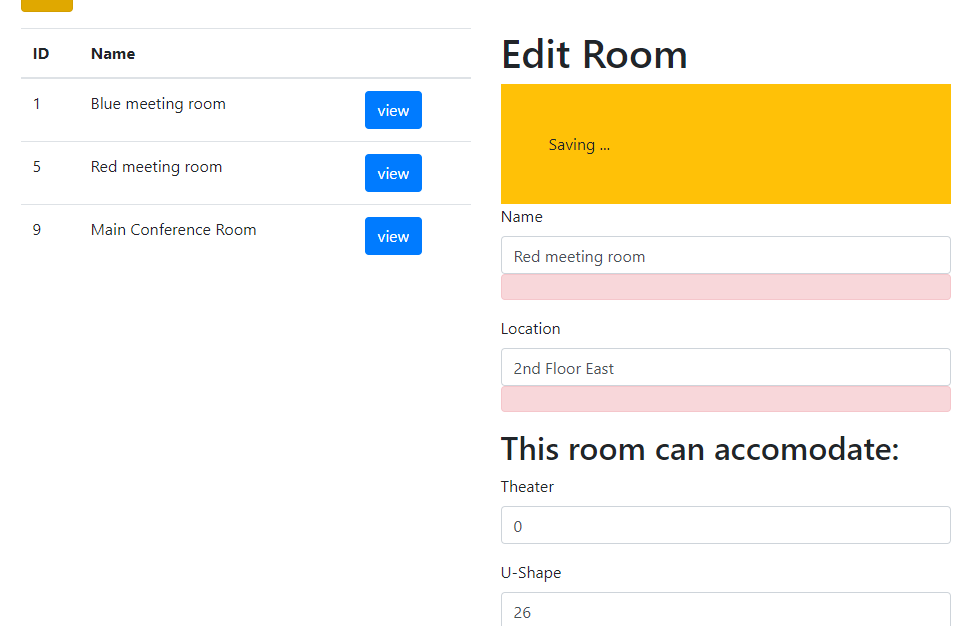


We need to convert the layout json into an uppercase value





Try it

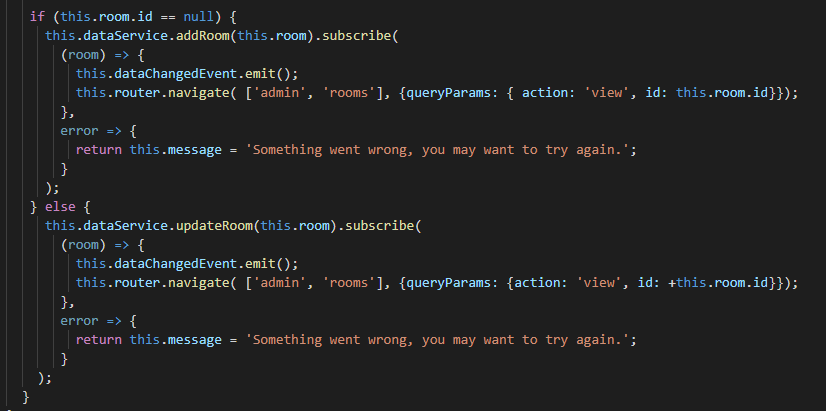


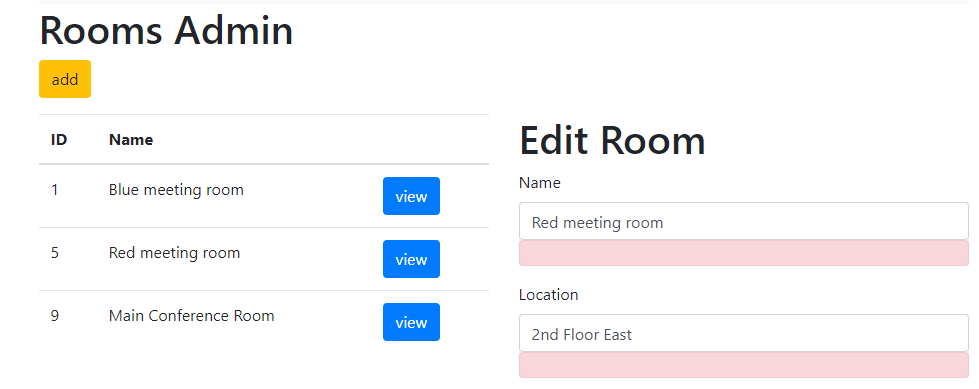
This time it is Saving …

Refreshing the page show that the change to East has worked.

Use this.room.id and replace next with room fixes the id failing on null error: Now refresh is no longer

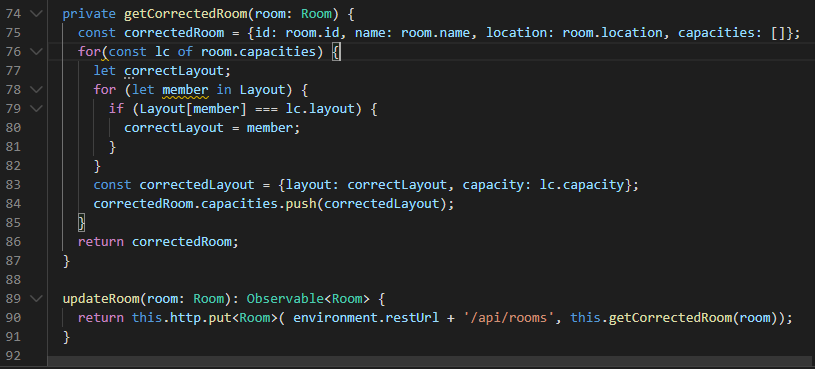
necessary to see the data update!



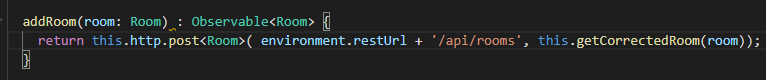


Extract the Correction:

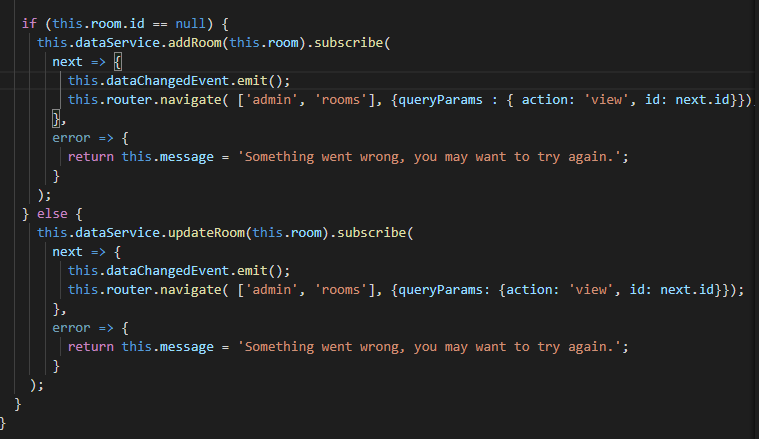
Create method getCorrectedRoom(room)



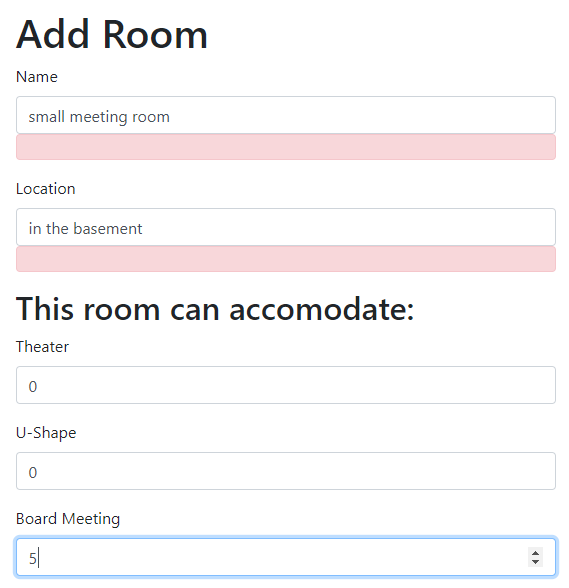
Now code the addRoom(room)



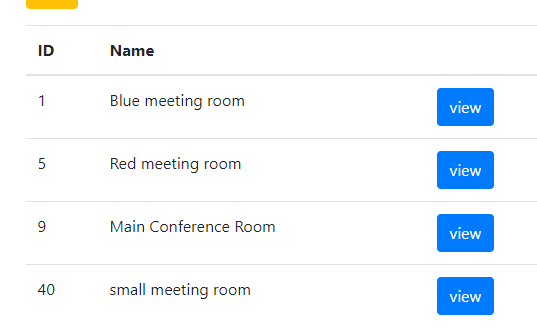
Refresh on Saving … does not work yet!!



Try it, Add room



It works

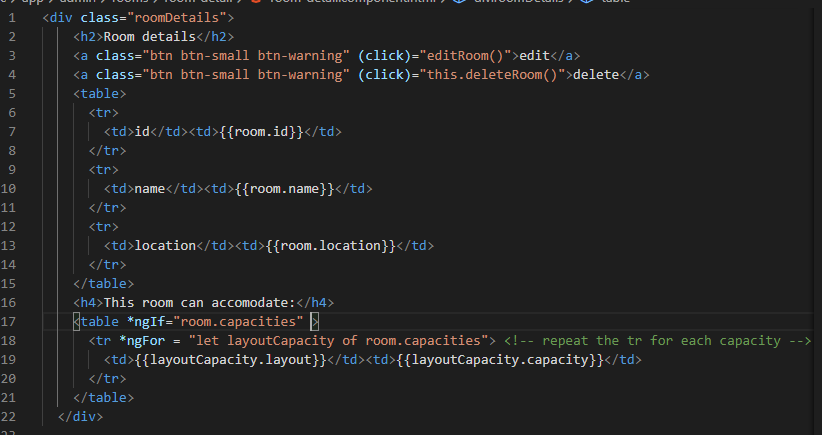


**Bug Fixing:**

Prevent time delay capacity error: We do this by removing the display until the data is ready.

Go to Room-Detail-component.html page

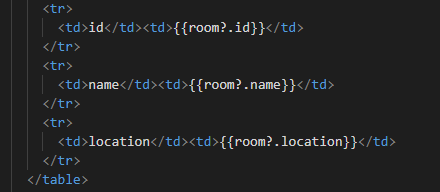
Add \*ngIf=”room.capacities”



Add a null check!

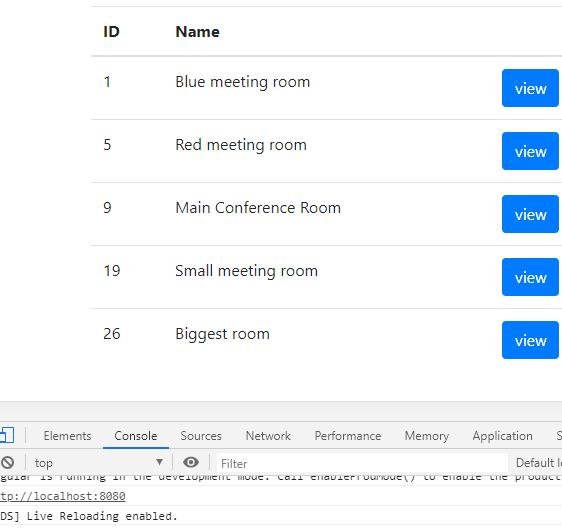
Only get the id if the id is not null

{{room?.id}} null safety check ?

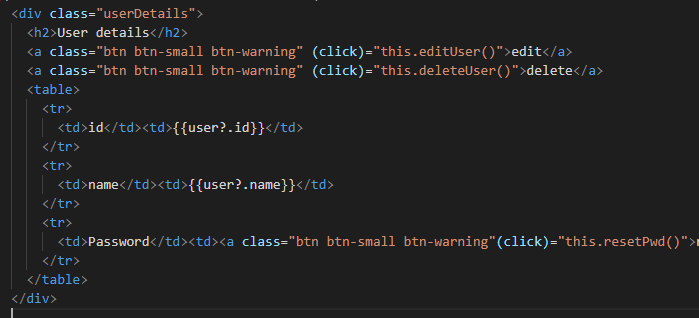


Test for the capacities error

BiggestRoom added with no capacity error



Do the same in the User-Detail.component.html



The ? null safety check added twice. user?.id and user?.name

Done!!