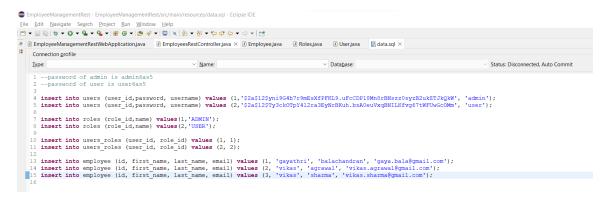
# **Graded Project - Spring Rest**

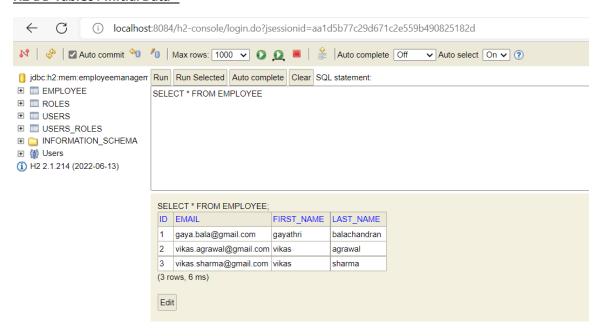
#### Group:6A-5S

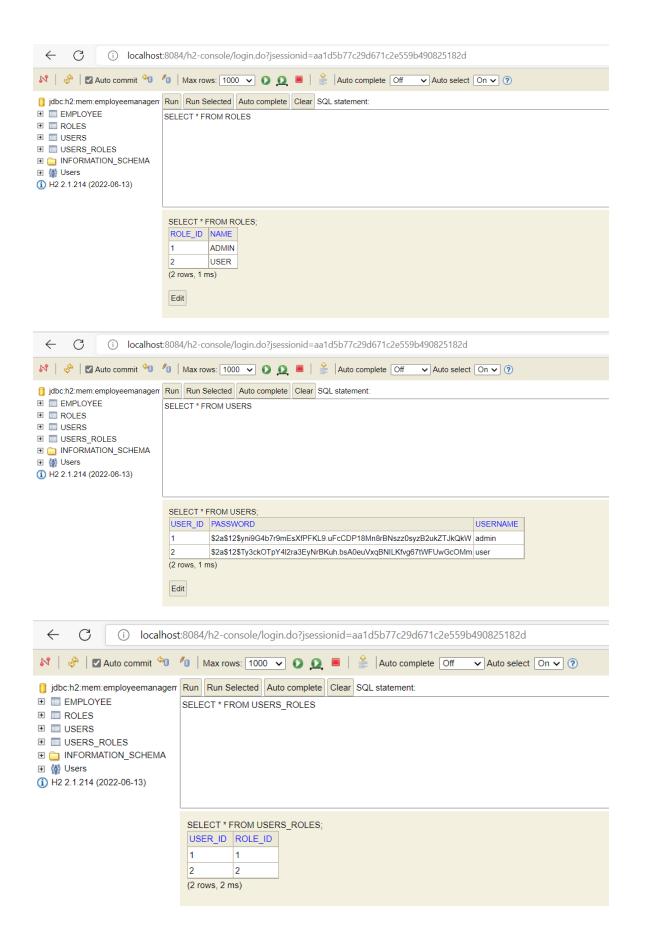
Group Members: Gayathri Balachandran (group leader), Vinod Bhat, Vikash Kumar, Vandana Malhotra

#### **H2** Embedded DB SQL:



### **H2 DB Tables: Initial Data**



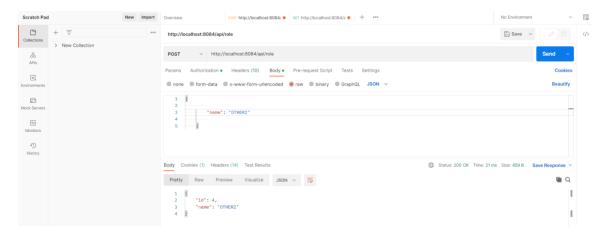


#### **ENDPOINTS TESTING USING POSTMAN REQUIREMENTS 1 TO 3:**

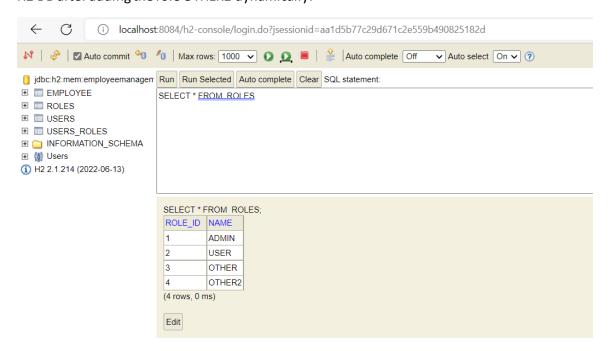
 $1.\,//\,\,1.\,\mathrm{Your}$  application should be able to add roles in the database dynamically in

// the db.

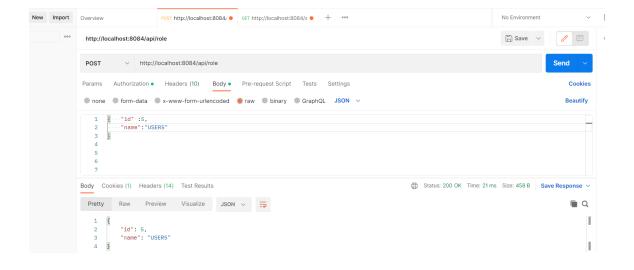
Role "OTHER2" has been added dynamically as below successfully



H2 DB after adding the role OTHER2 dynamically:

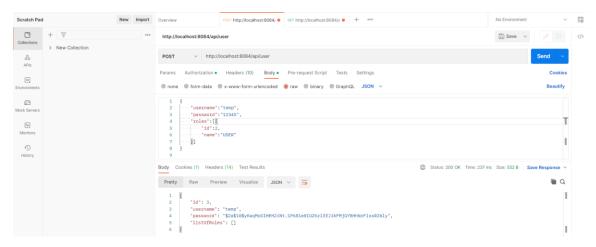


We can also provide id in the JSON Payload as below if needed to directly add role for id 5:

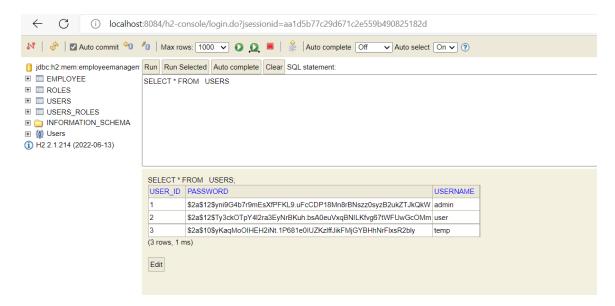


2.// Your application should be able to add Users in the  $\underline{db}$  which can be used // for authentication purposes

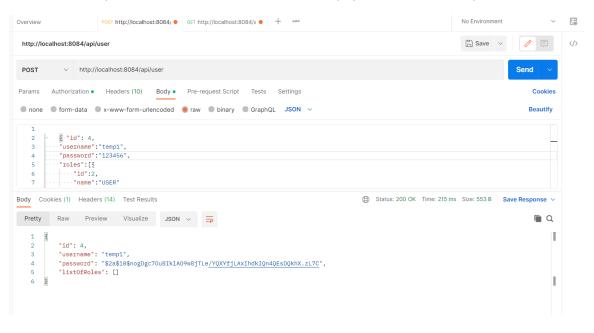
user "temp" has been added dynamically to db using given json payload



H2 DB after adding user "temp"



If id is known say id=4, we can also send id in the JSON payload for the POST api as below:



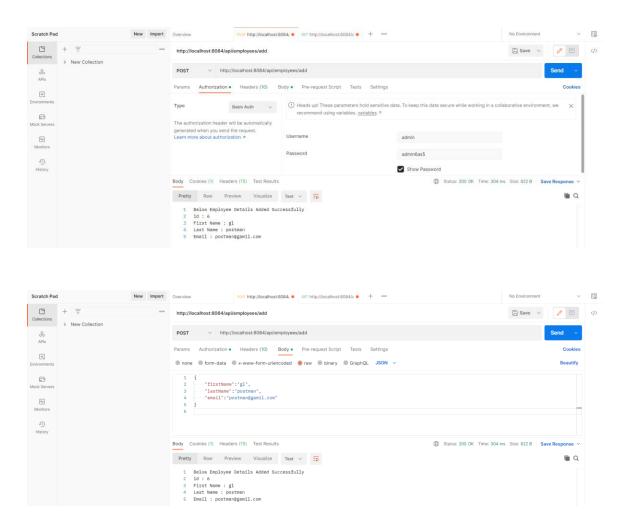
\_\_\_\_\_

## 3.//. Now Your application should be able to add employees data in the db

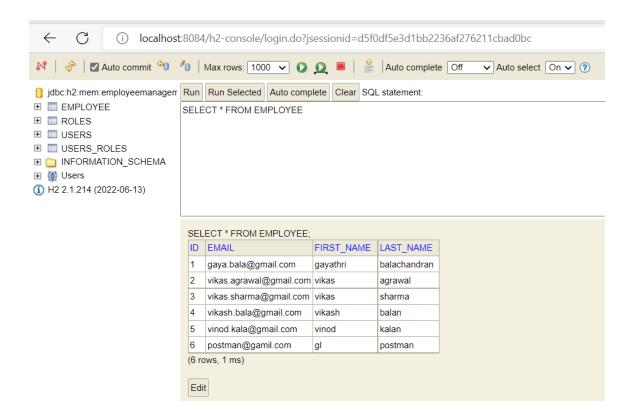
// if and

// only if the authenticated user is ADMIN

By logging in using the admin authorization, we added the individual in problem statement as below



H2 DB:



if the authorization is not of admin but of user, we get below 403 forbidden:

