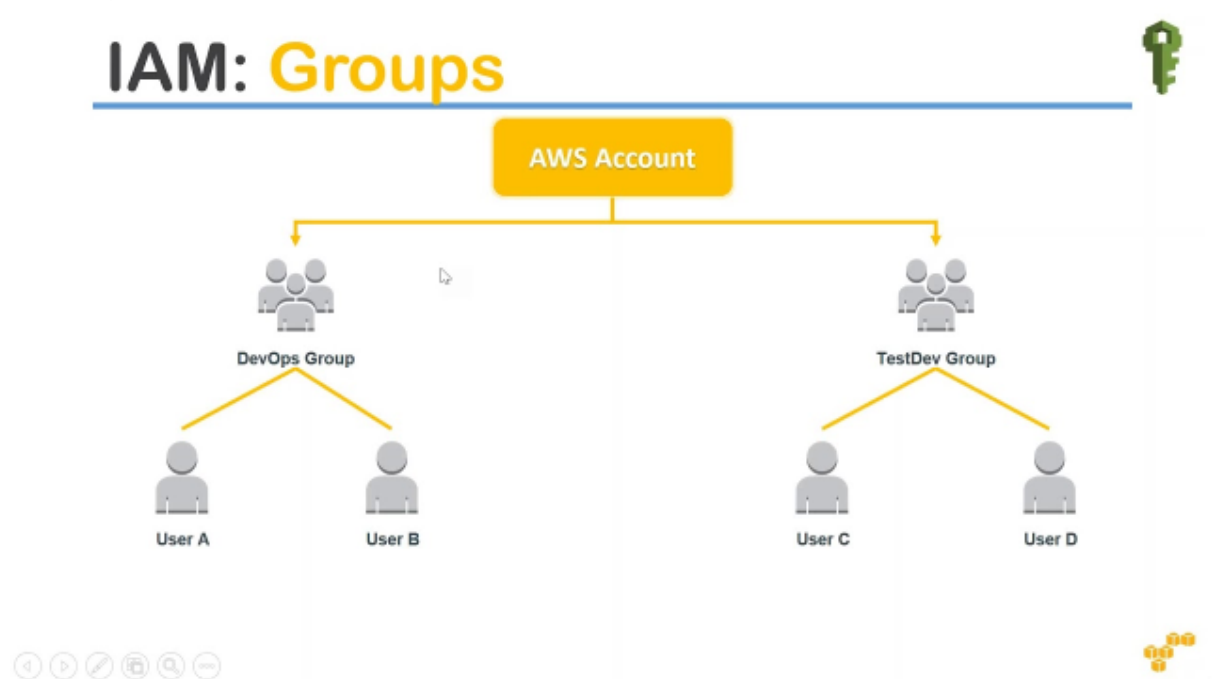


# IAM USERS HAND'S ON :-

**IAM USERS :-** An IAM user is a resource in IAM that has associated credentials and permissions.

**IAM GROUPS :-** An IAM user group is a collection of IAM users.

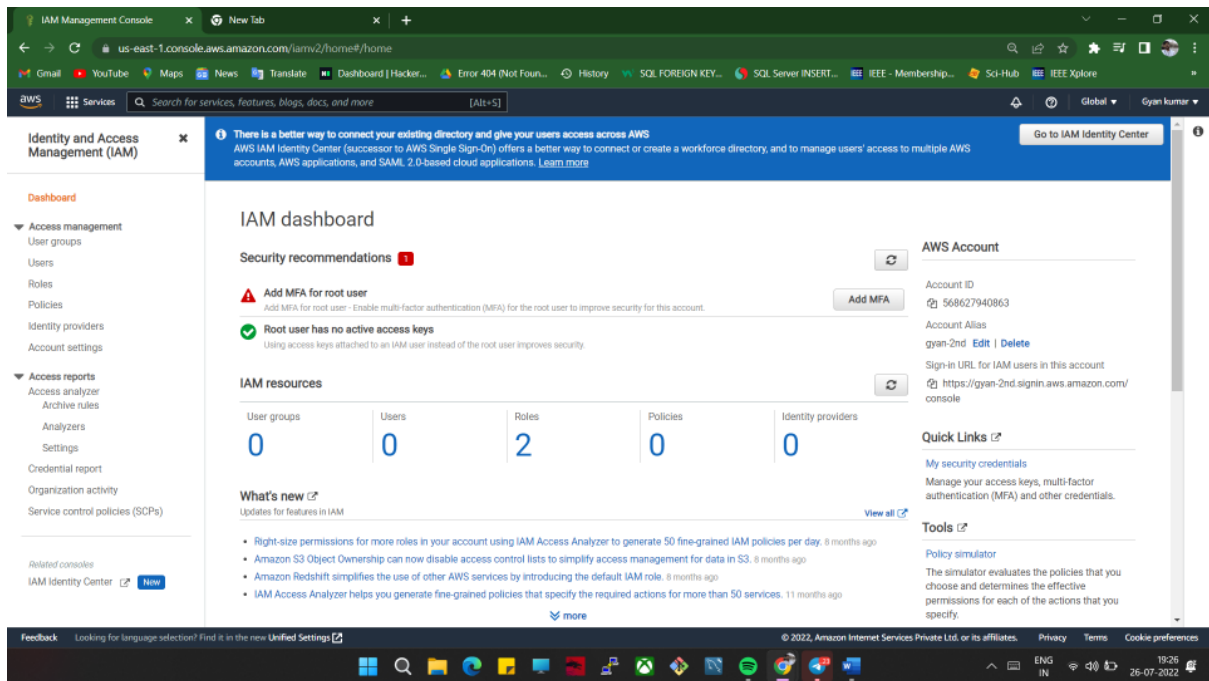
Example :-



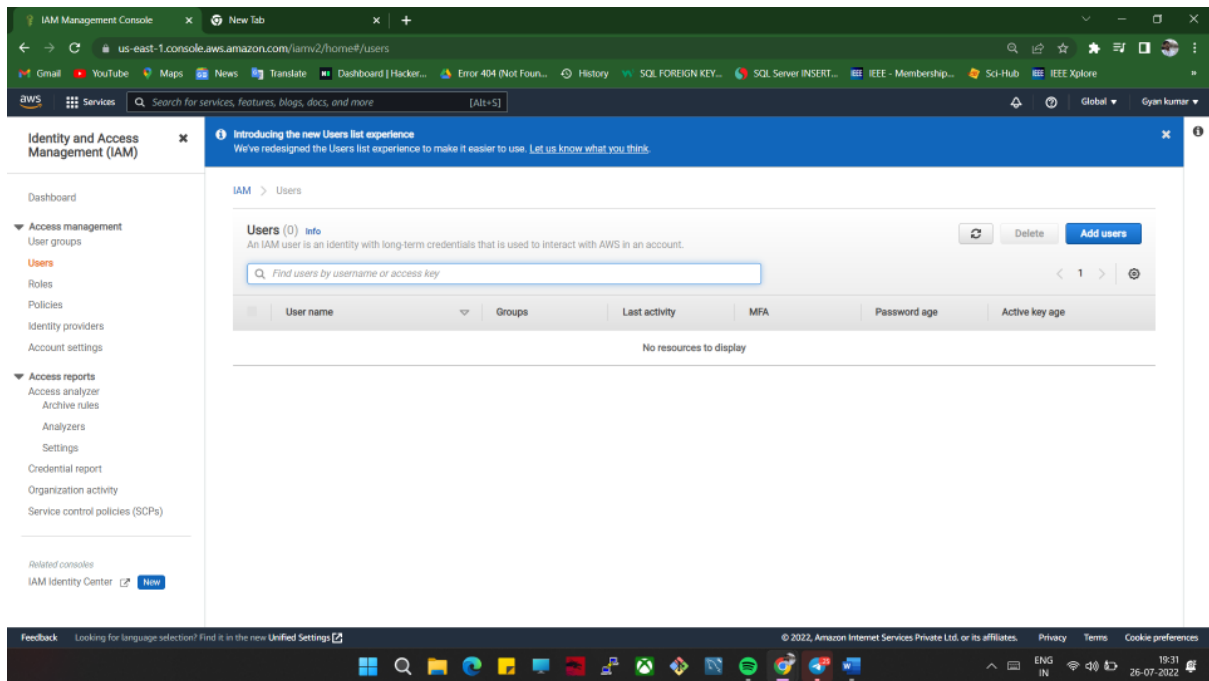
**START OF LAB :-** CREATING A USER AND ATTACHING IT INTO A GROUP WITH **Administration access** .

Go to aws management console :-

Step 1:- Type IAM



Step 2:- Click on user :-



Step 3:- ADD user

IAM Management Console

New Tab

us-east-1.console.aws.amazon.com/iam/home#/users\$new?step=details

GmailYouTubeMapsNewsTranslateDashboard | Hacker...Error 404 (Not Foun...SQL FOREIGN KEY...SQL Server INSERT...IEEE - Membership...Sci-HubIEEE Xplore

Search for services, features, blogs, docs, and more[Alt+S]

GlobalGyan kumar

12345

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name\*

Add another user

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type\*

Access key - Programmatic access

Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools.

Password - AWS Management Console access

Enables a password that allows users to sign-in to the AWS Management Console.

\* Required

CancelNext: Permissions

FeedbackLooking for language selection? Find it in the new Unified Settings

© 2022, Amazon Internet Services Private Ltd. or its affiliates. PrivacyTermsCookie preferences

ENG IN19:3126-07-2022

IAM Management Console

New Tab

us-east-1.console.aws.amazon.com/iam/home#/users\$new?step=details

GmailYouTubeMapsNewsTranslateDashboard | Hacker...Error 404 (Not Foun...SQL FOREIGN KEY...SQL Server INSERT...IEEE - Membership...Sci-HubIEEE Xplore

Search for services, features, blogs, docs, and more[Alt+S]

GlobalGyan kumar

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name\*gyan

Add another user

Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

Select AWS credential type\*

Access key - Programmatic access

Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools.

☒ Password - AWS Management Console access

Enables a password that allows users to sign-in to the AWS Management Console.

Console password\*

Autogenerated password

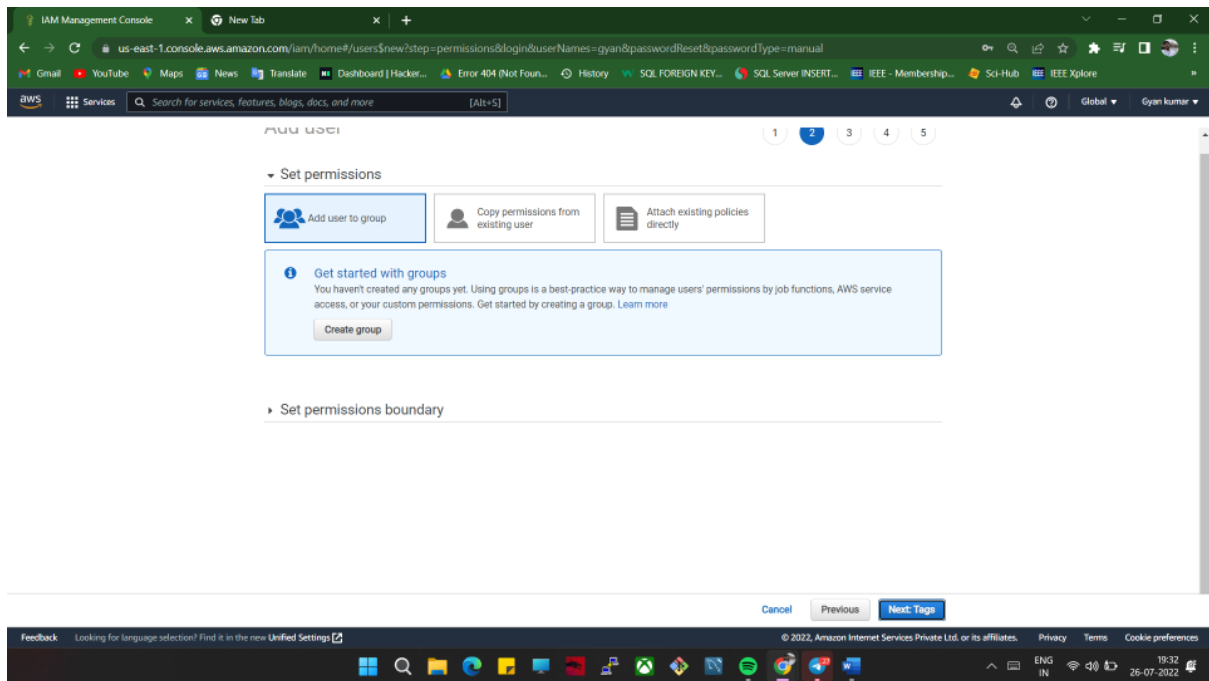
☒ Custom password

Show password

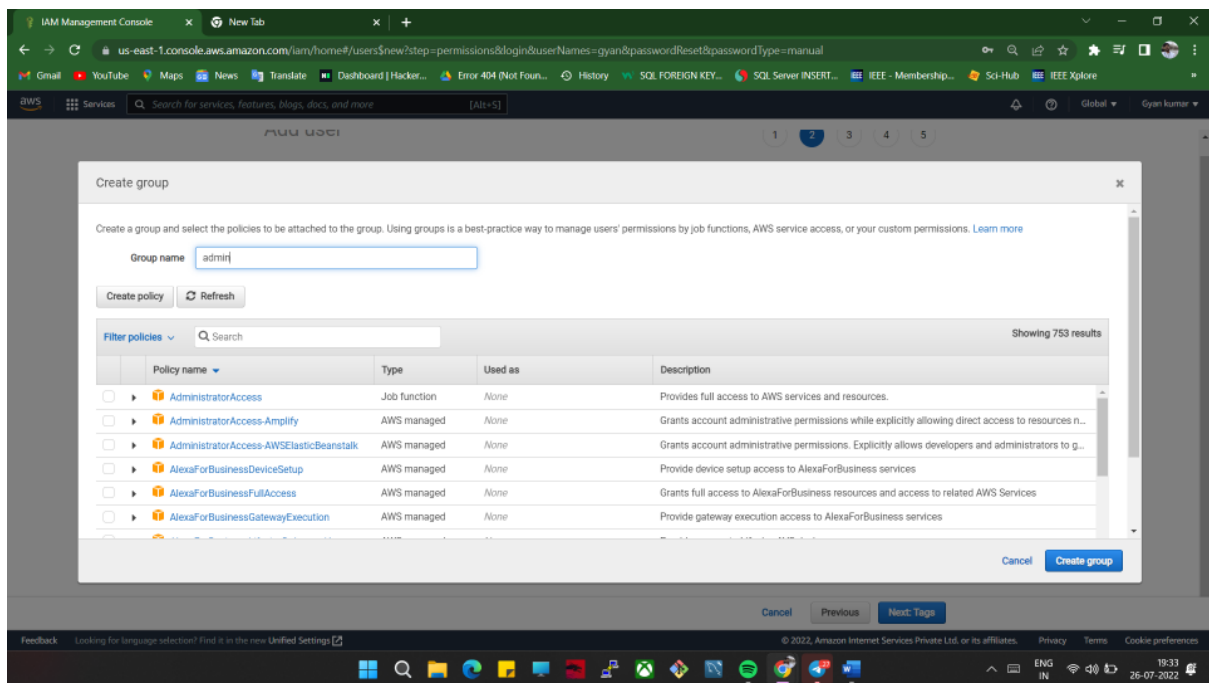
Require password reset☒ User must create a new password at next sign-in  
Users automatically get the IAMUserChangePassword policy to allow them to change their own password.

\* Required

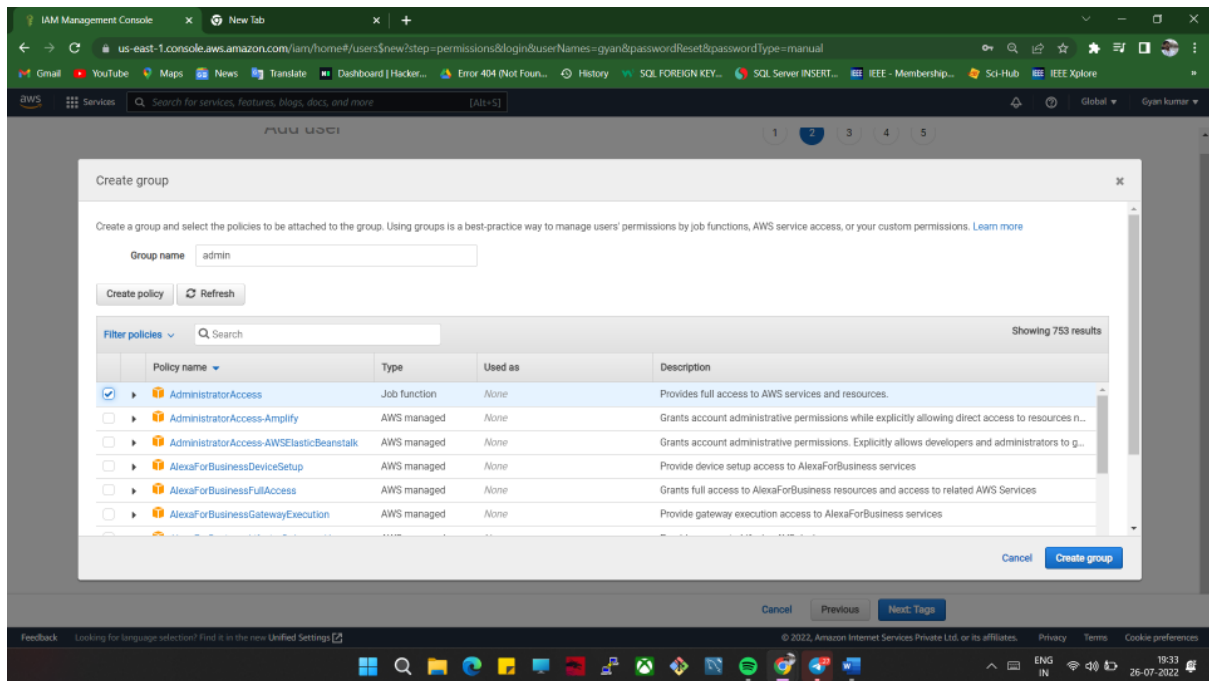
CancelNext: Permissions



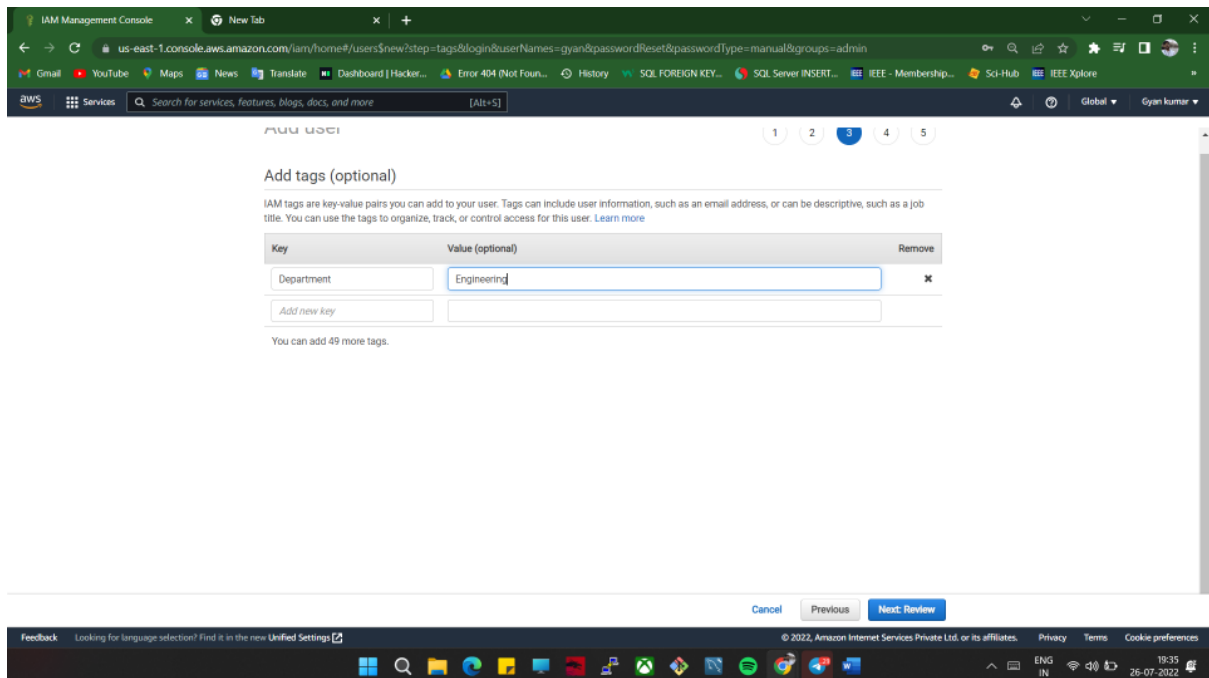
## Step 4:- Create Group :-



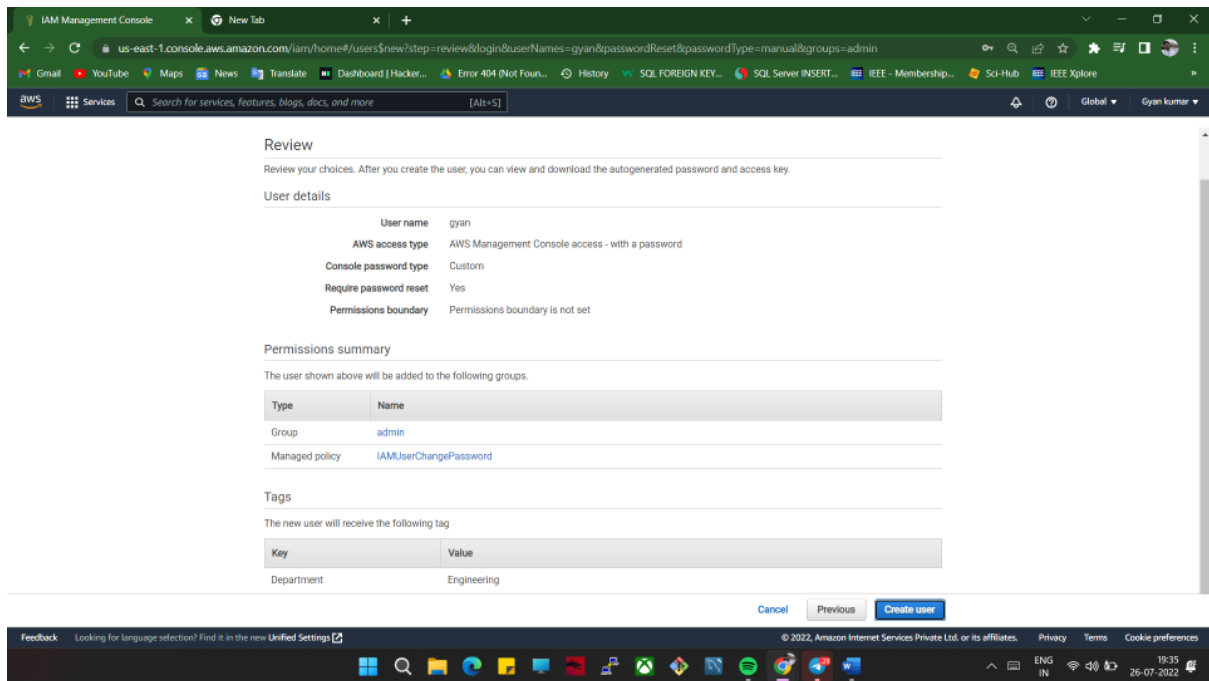
## Step 5 :- Attach administration access policy into the group :-



## Step 6:- add tags (optional)



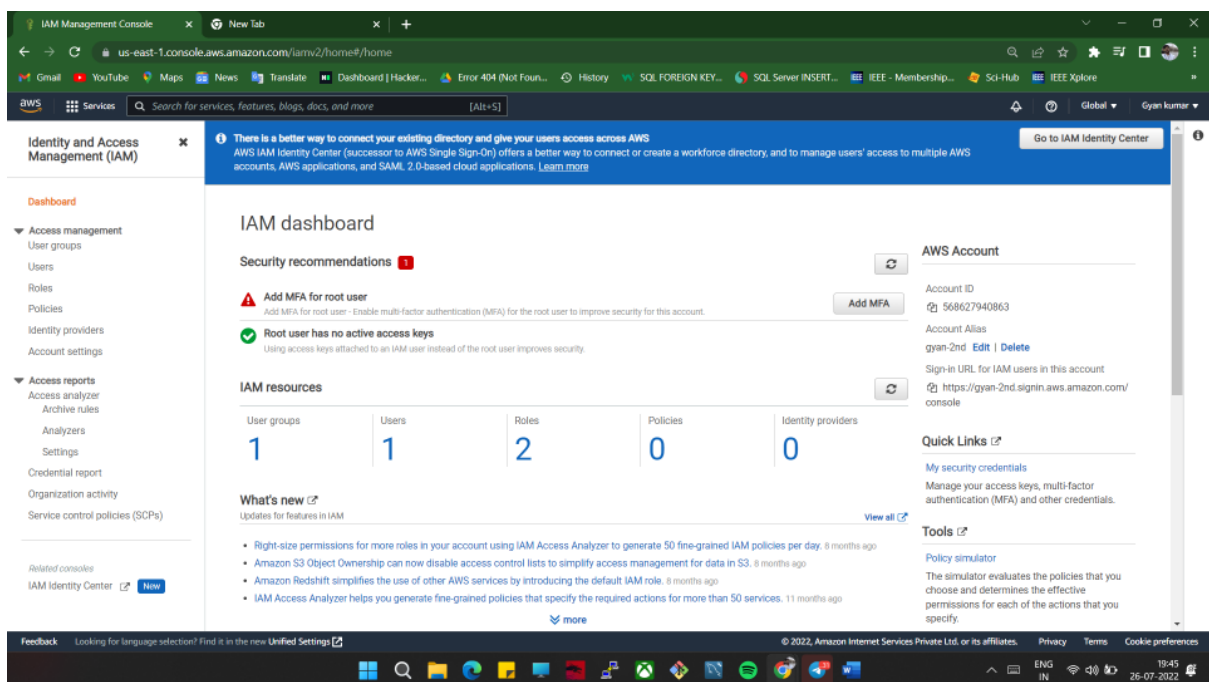
## Step 7:- review and create



Now , why we are creating a user ?

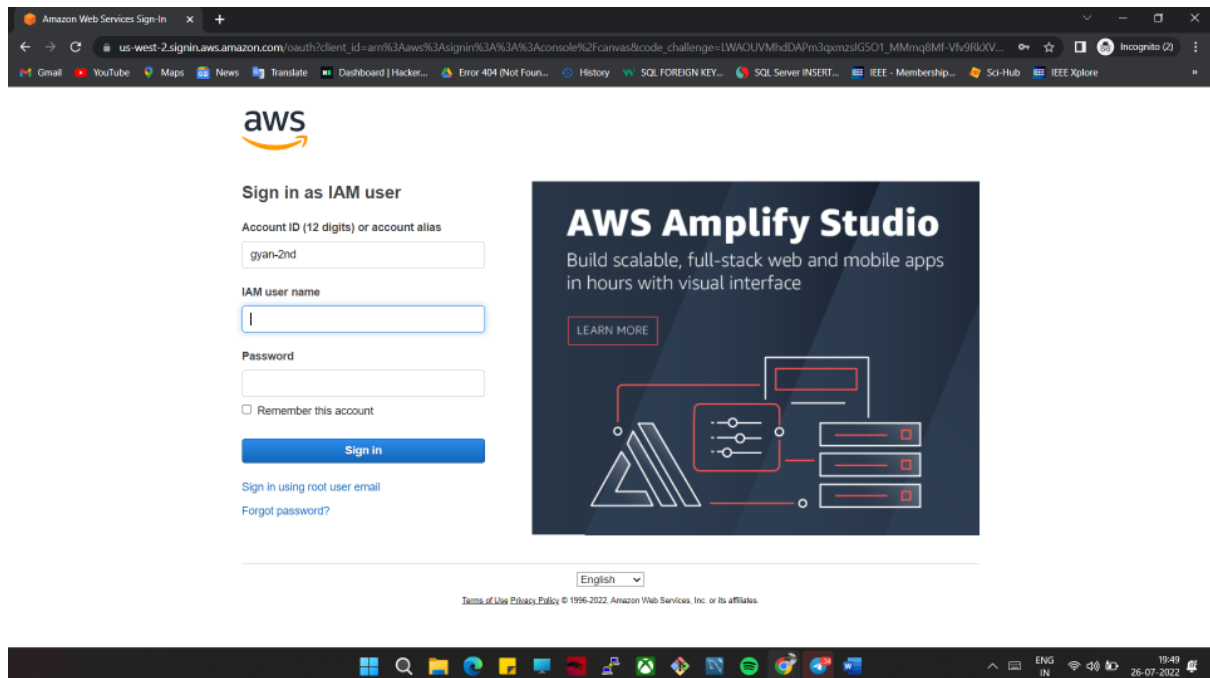
The answer is that giving full access of your account to a user is not safe so we can restrict the user by attaching permission to it . The user can only access the account with a limited permission.

Now let's see how a IAM user can login into Management console :-



On the right side of IAM dashboard you can see that there is account id , account alias so it is very difficult to remember the number so you can customise it with your name like for my id I had taken gyan-2<sup>nd</sup> .

Now open the link which is given down of account alias .



Give your username and password and you can access your AWS management console .

