# IAM-Users-Assignment-1

Problem Statement:

You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users.

Tasks To Be Performed:

1. Create 4 IAM users named "Dev1","Dev2","Test1" and "Test2"
2. Create 2 groups named "Dev Team" and "Ops Team"
3. Add Dev1 and Dev2 to the Dev Team.
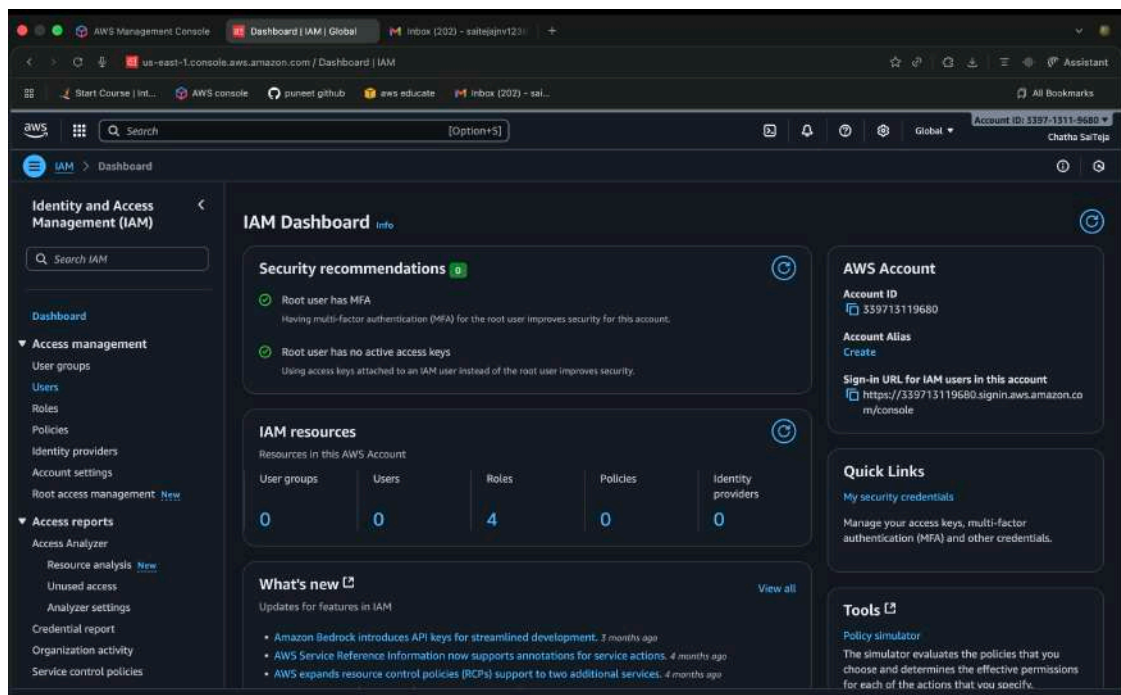**4. Add Dev1, Test1 and Test2 to the Ops Team.**

Step-By-Step Procedure:-

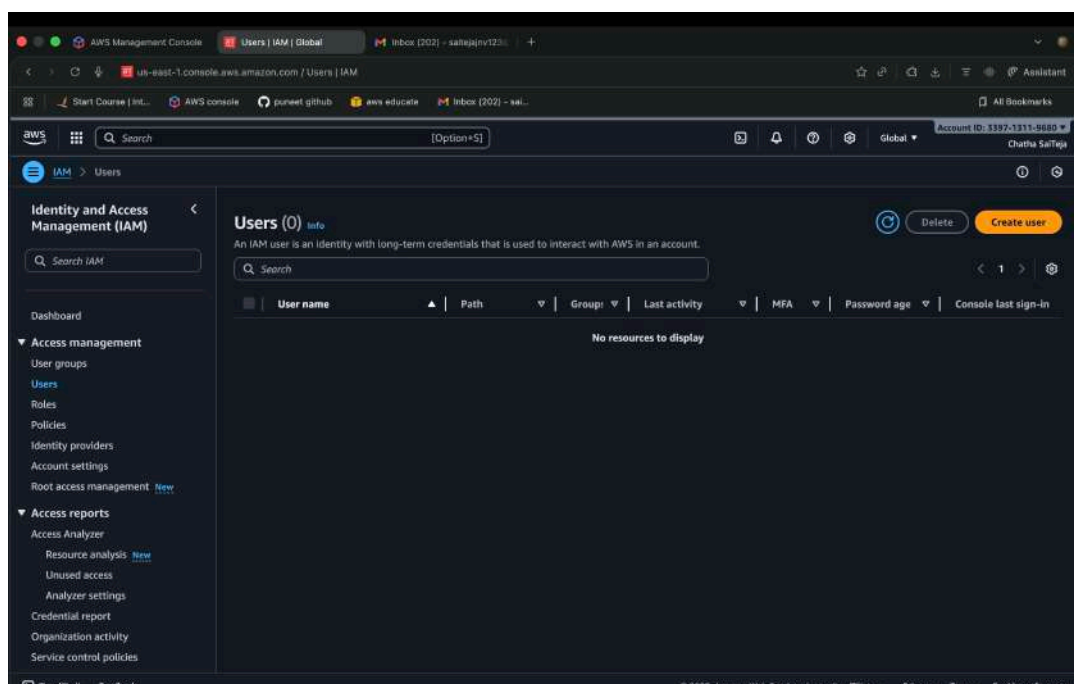**Step 1;-** Go to AWS, Search for IAM service
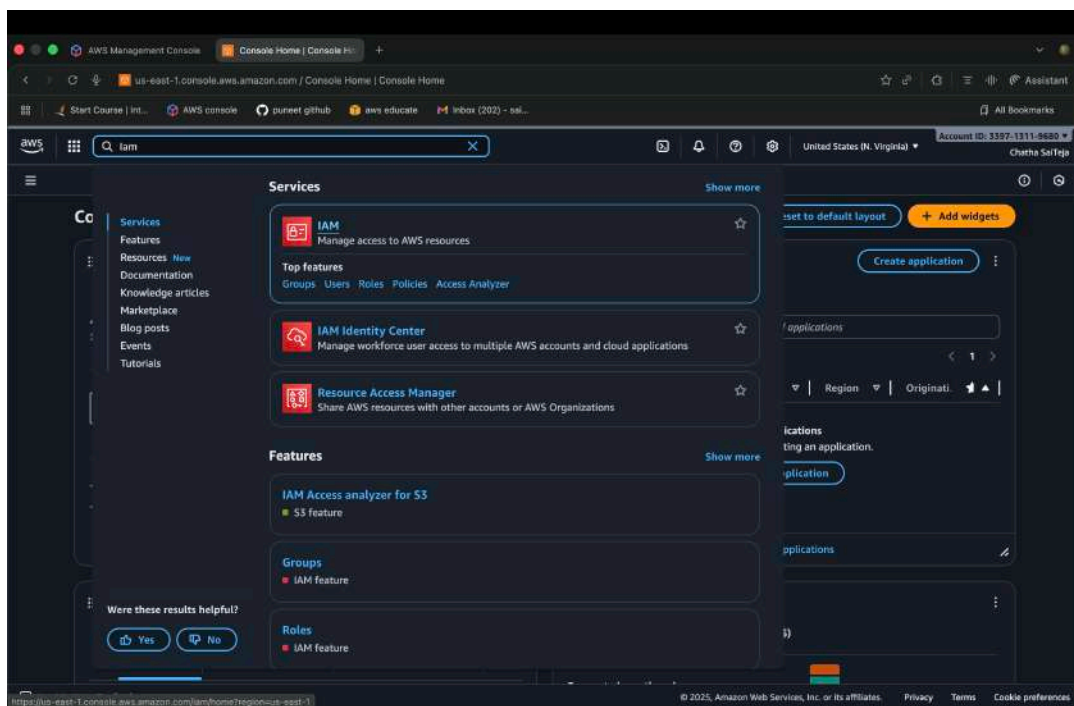
Search For IAM

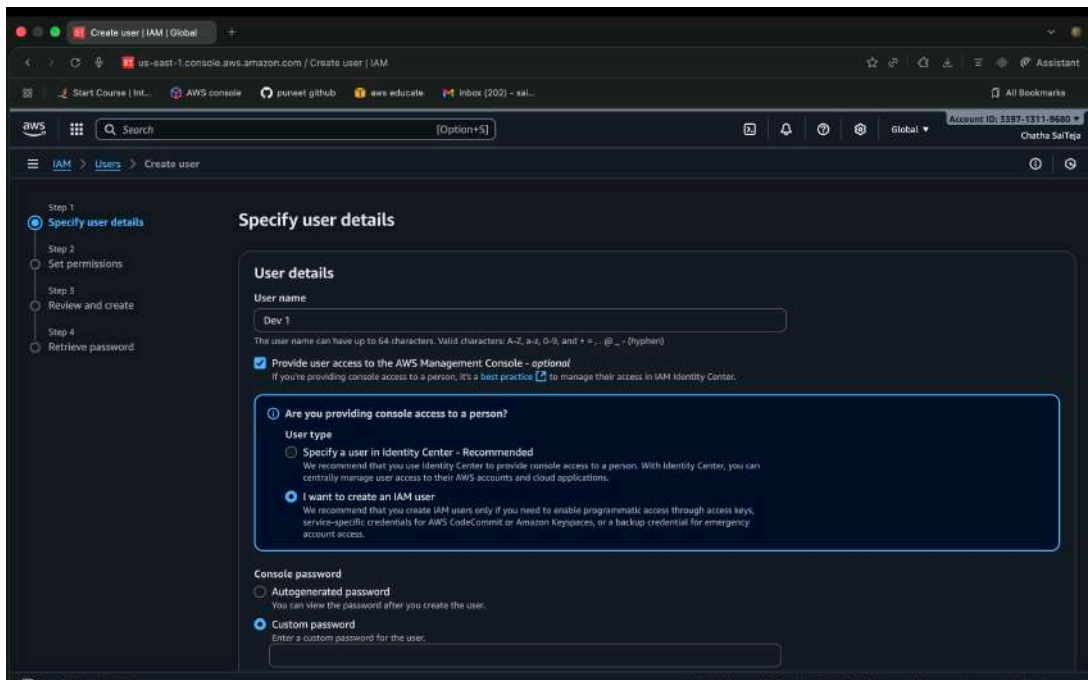**Step 2;-** After opening the IAM we can see users, groups, roles and policies   in the Dashboard.

IAM Dashboard

Step 3;- Create 4 IAM Users named "Dev1","Dev2","Test1" and "Test2",Now click On Create User.
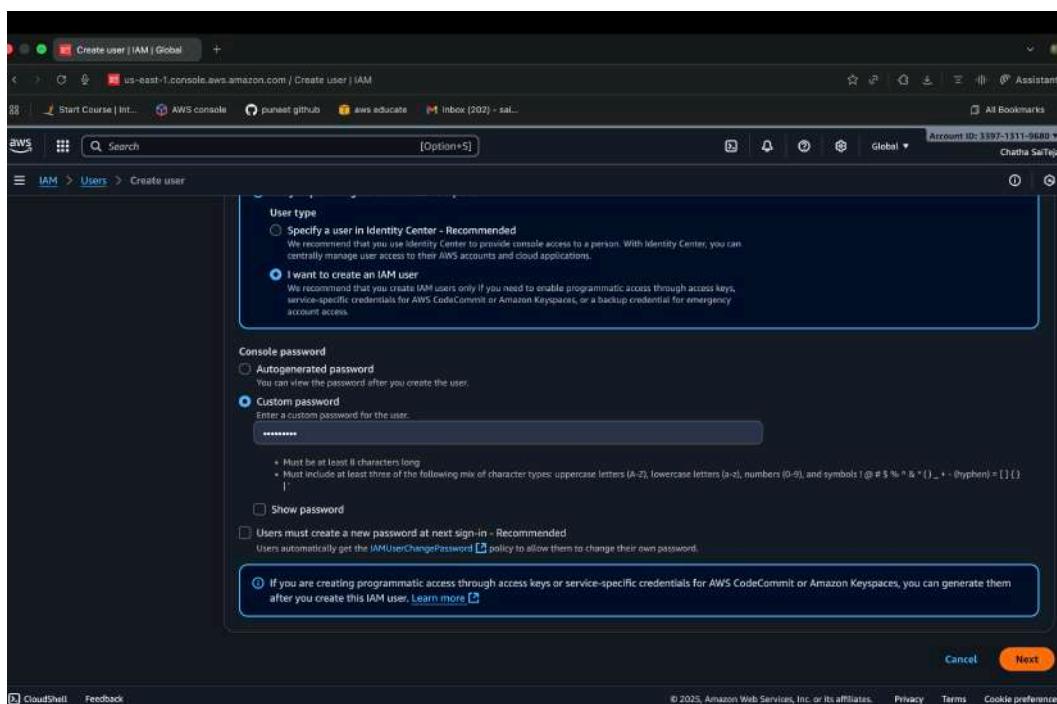

Click On Create User

Step 4:- After Clicking on create user Specify the username(Dev 1) ,here we can give access to the Management console this can done by clicking the checkbox.
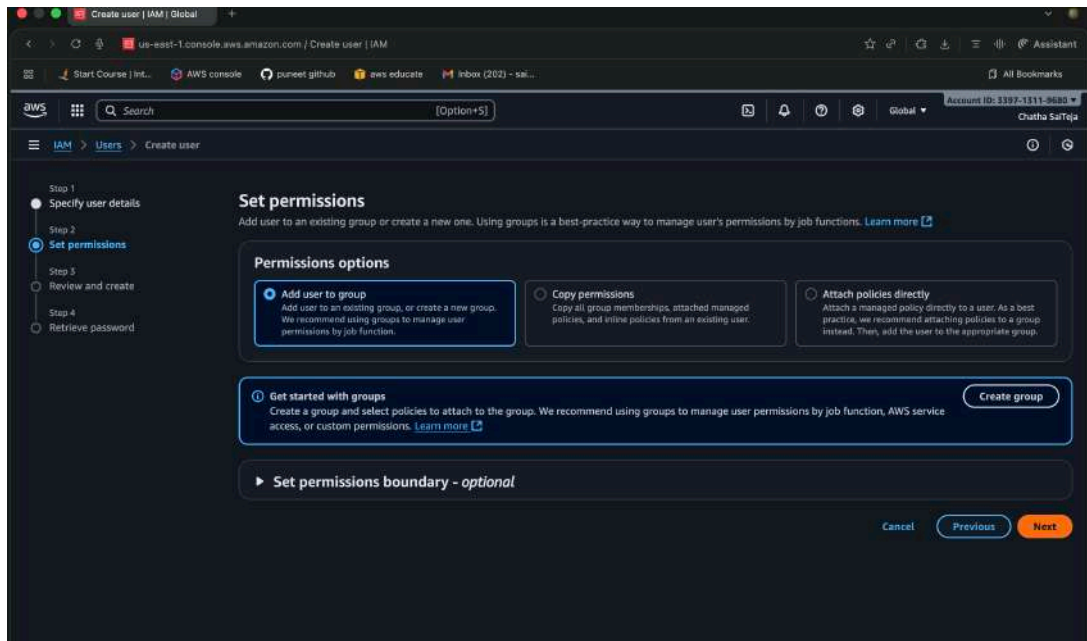

Specify Username

Step 5:- Here we have a option to give a password type ,recommended is custom password then click on "next".


Console Password

Step 6:- Now we have to set the permissions, for setting up we have three options - "Add user to group" , "Copy Permissions" ,"Attach policies directly",so no we didn't provide any permissions for now we proceed to next step.
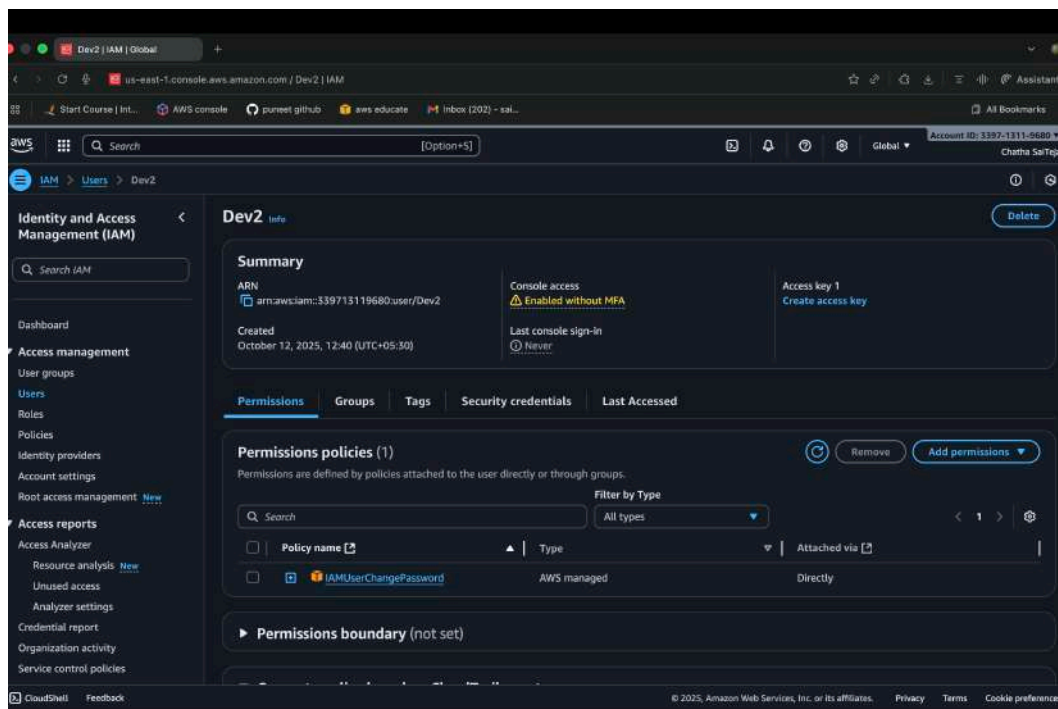

Set permissions

Step 7:- the next step is to review an create then click on "create user", by clicking user Dev1 will created with no permissions.
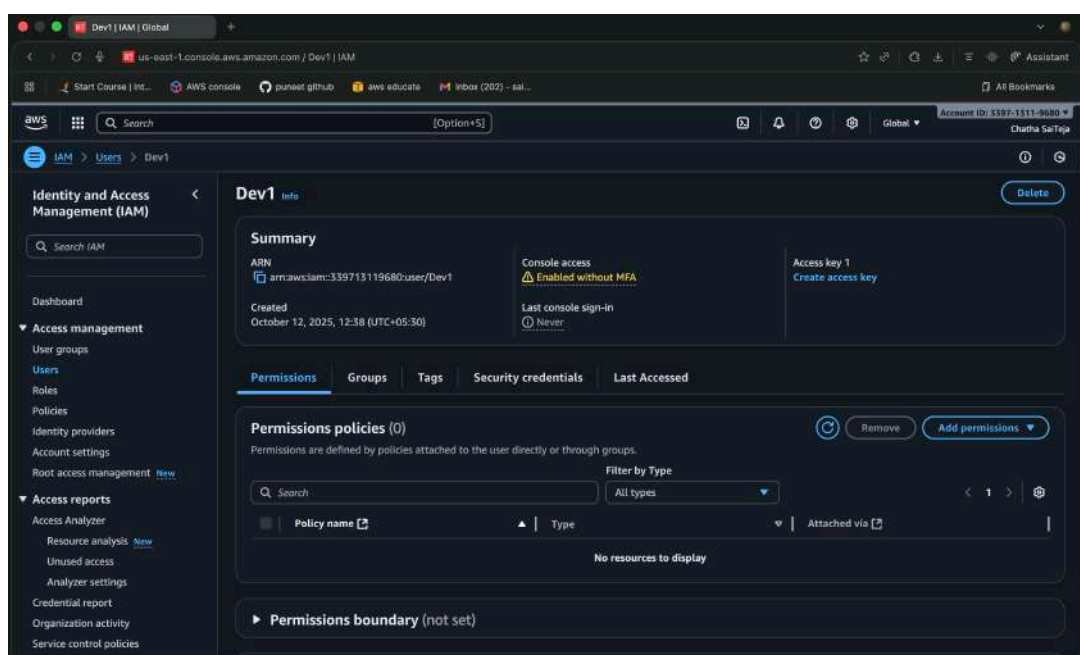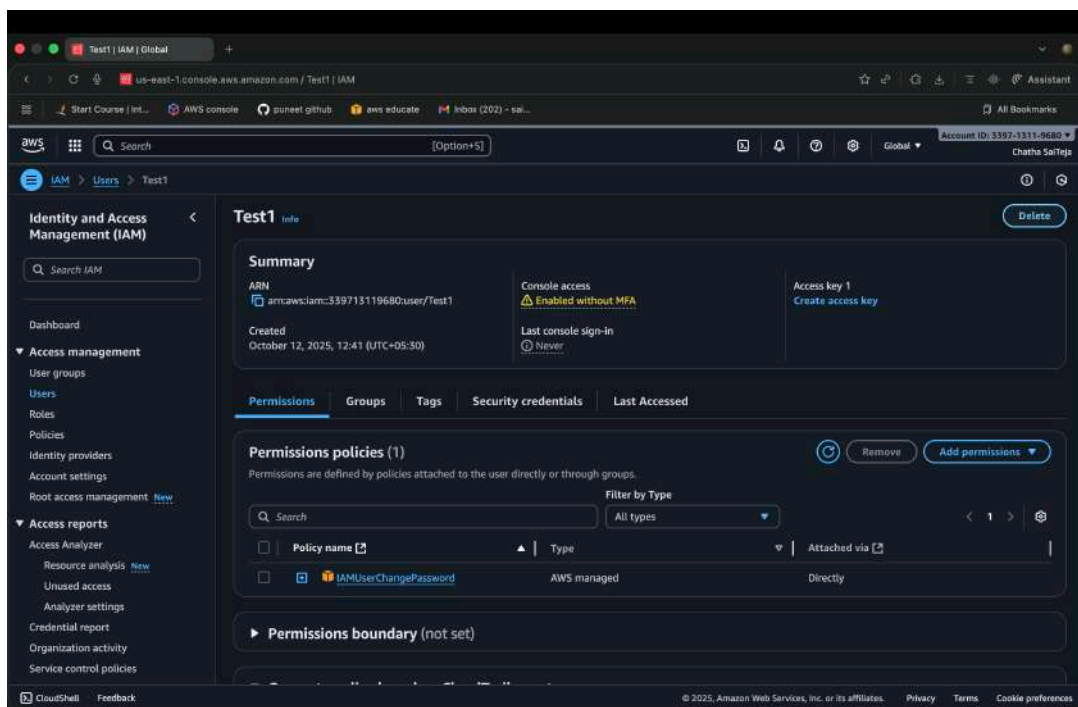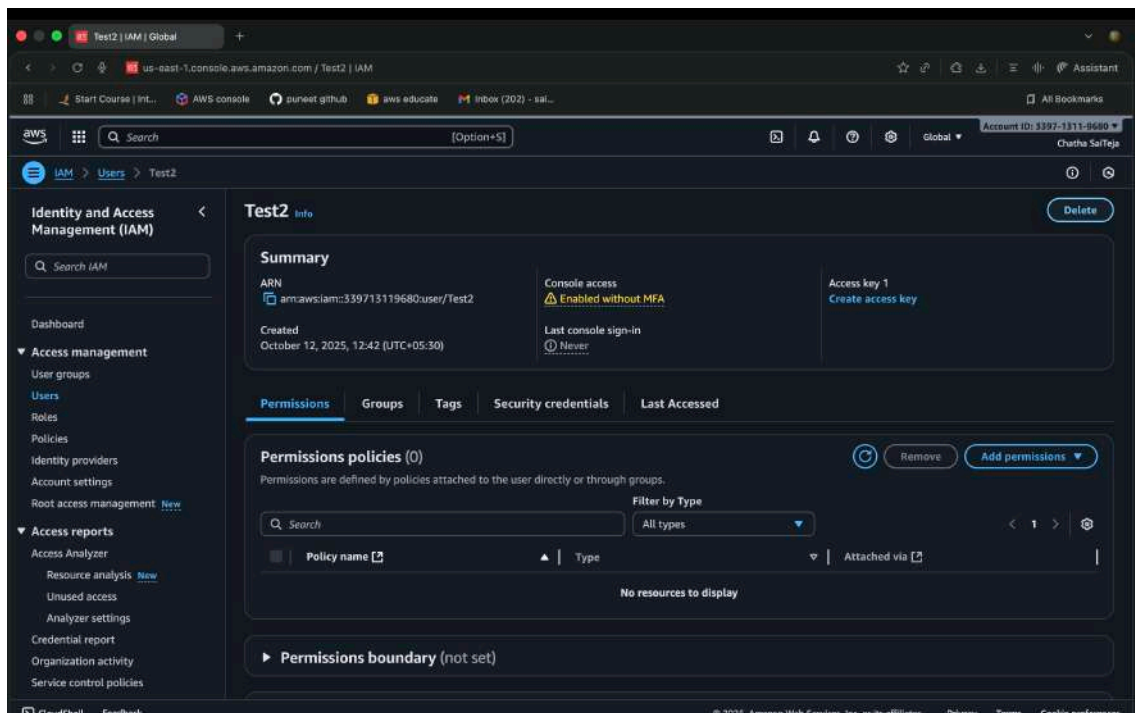

Dev1

Step 8:- Now we have to create 3 more IAM users-"Dev2","Test1" and "Test2" same as "Dev1"
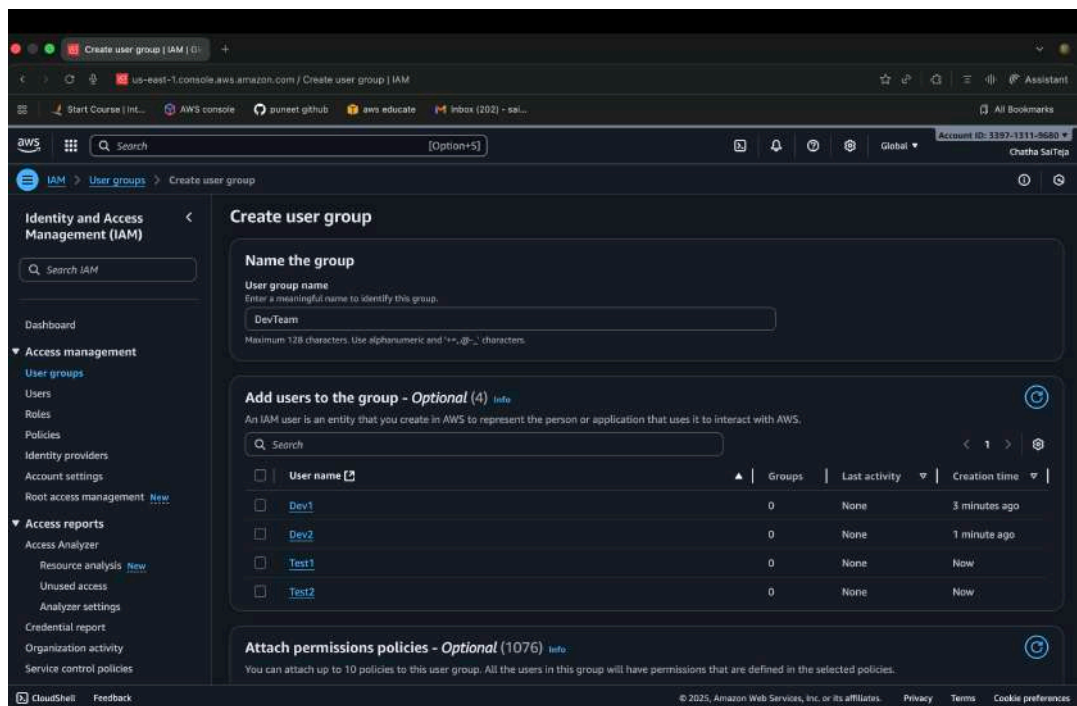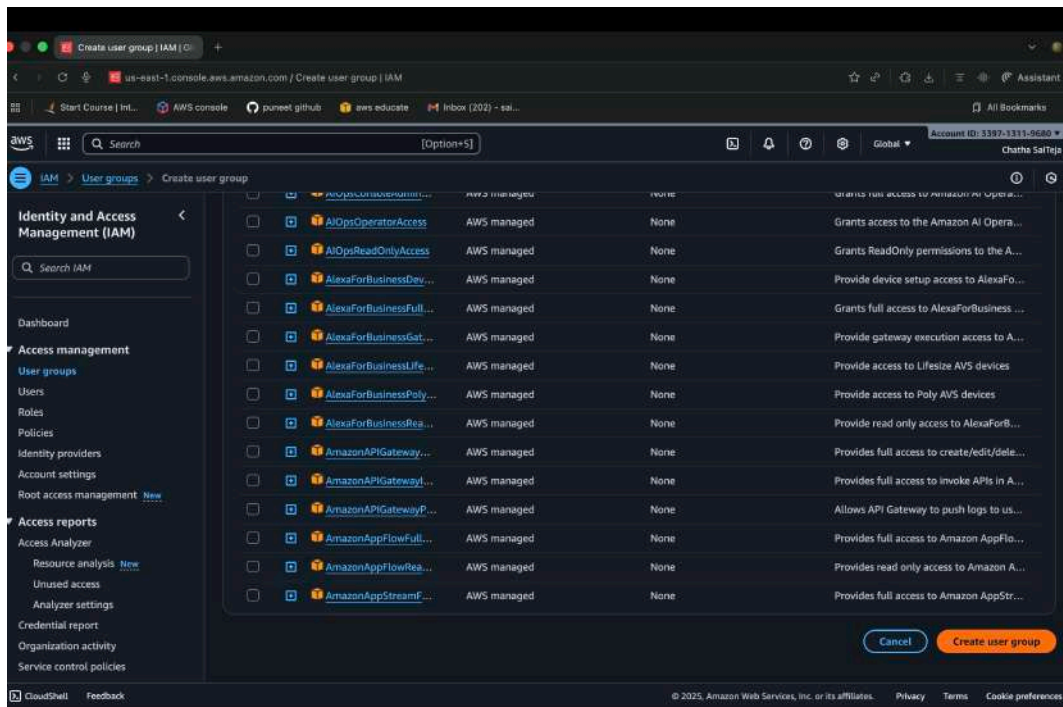

Dev2

Test1

Test2

Step 9:- we have to create two user groups - "DevTeam","OpsTeam" , now we are creating DevTeam by providing the name and other details click on create user group.
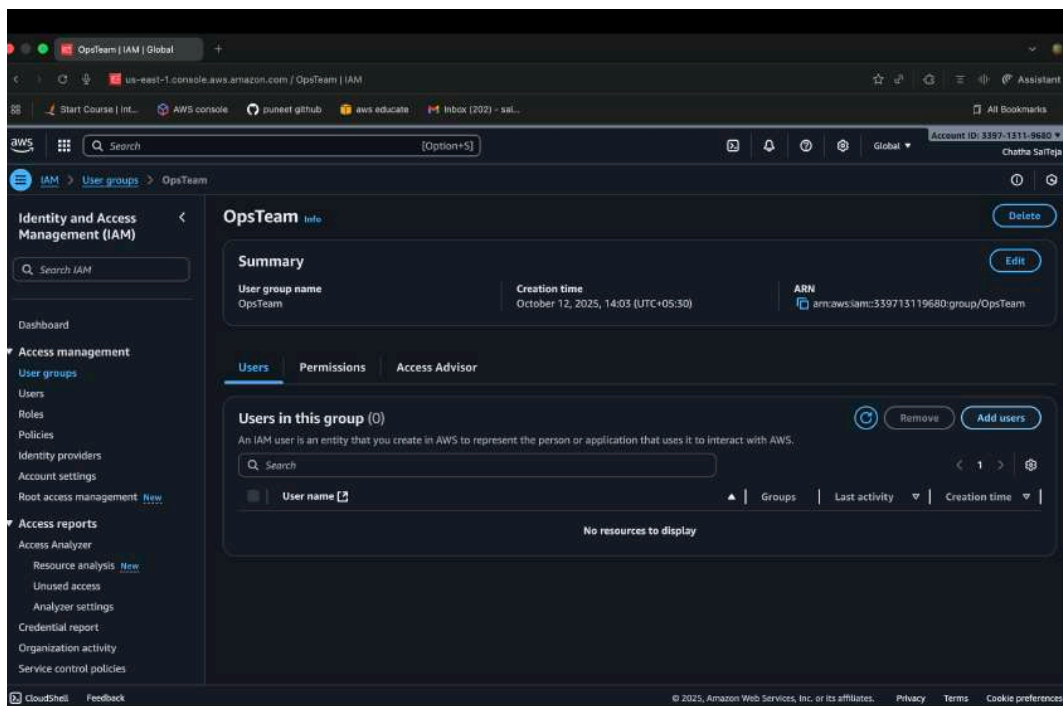

Specify details of User group (DevTeam)

Click on create user group

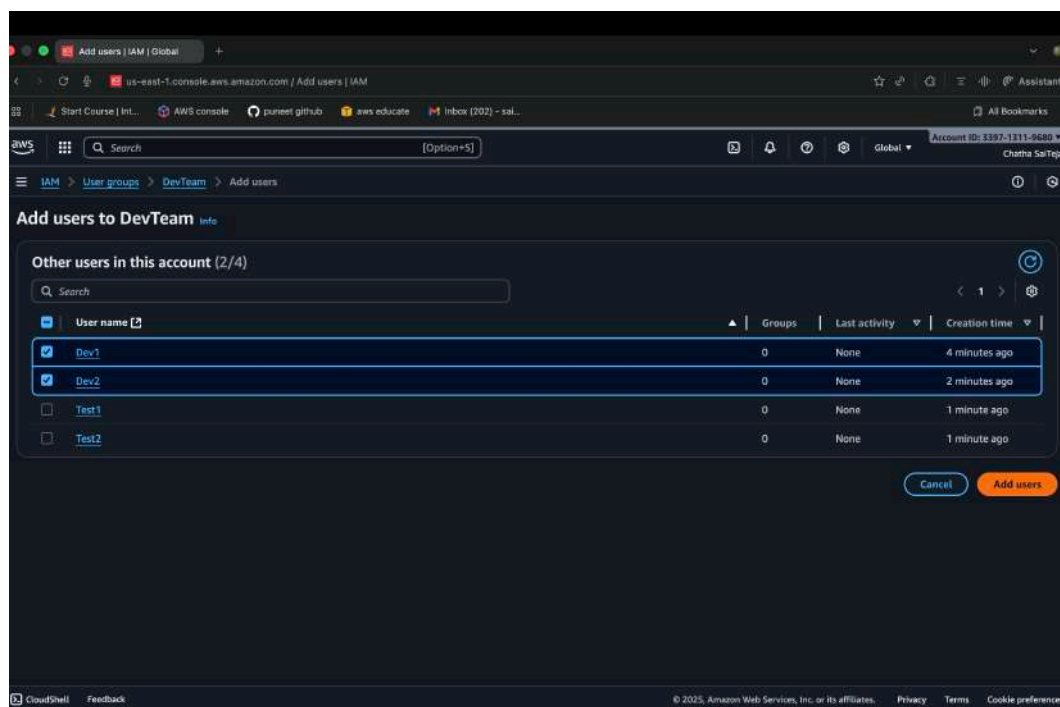**Step 10:-** Create another user group - OpsTeam this is same as above step.
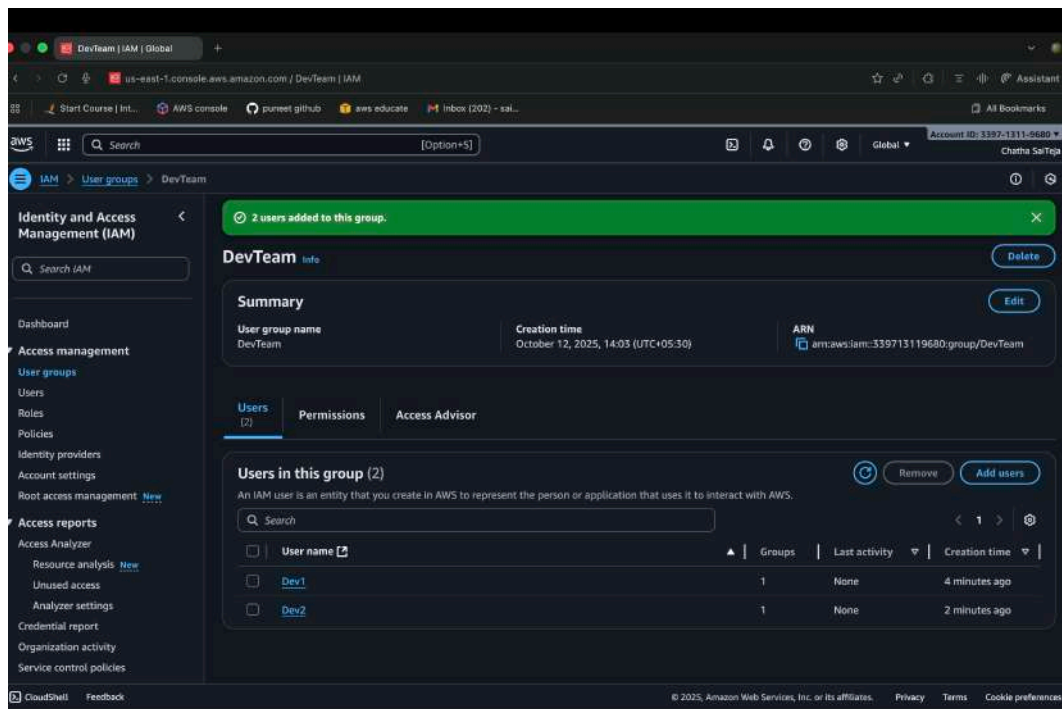

OpsTeam User group

Step 11:- Now we have to add Users to user group (DevTeam) ,first we have to open the DevTeam then we can see the users, permissions on down ,click on "Add users" then we can see all 4 IAM Users we created, from 4 IAM Users select Dev1,Dev2 to DevTeam user group.
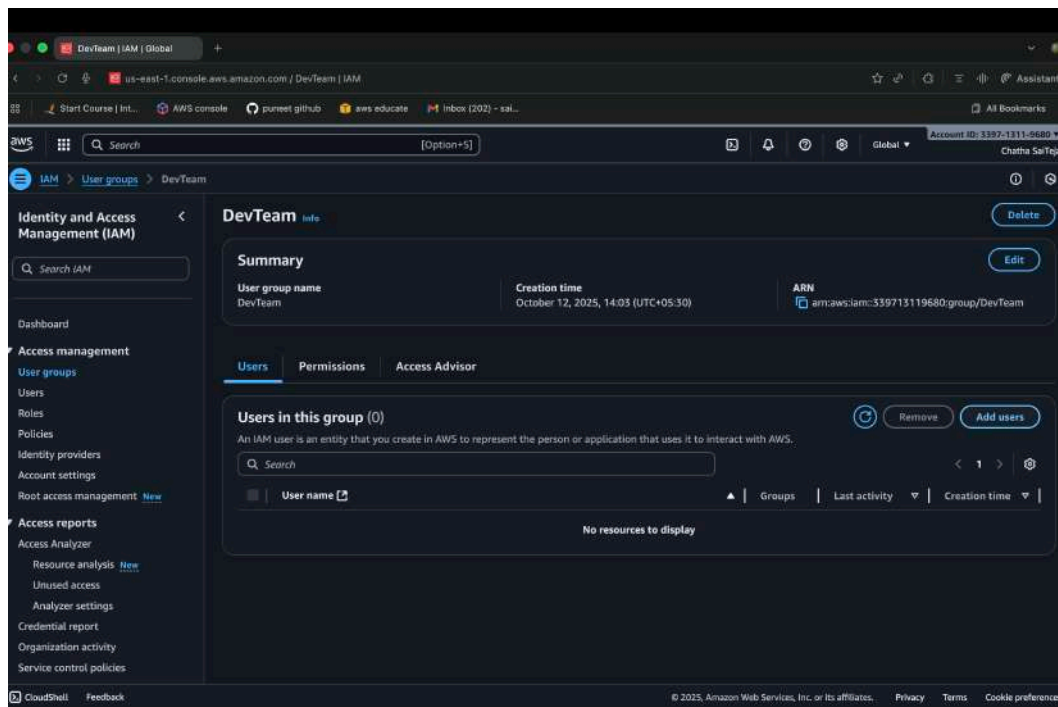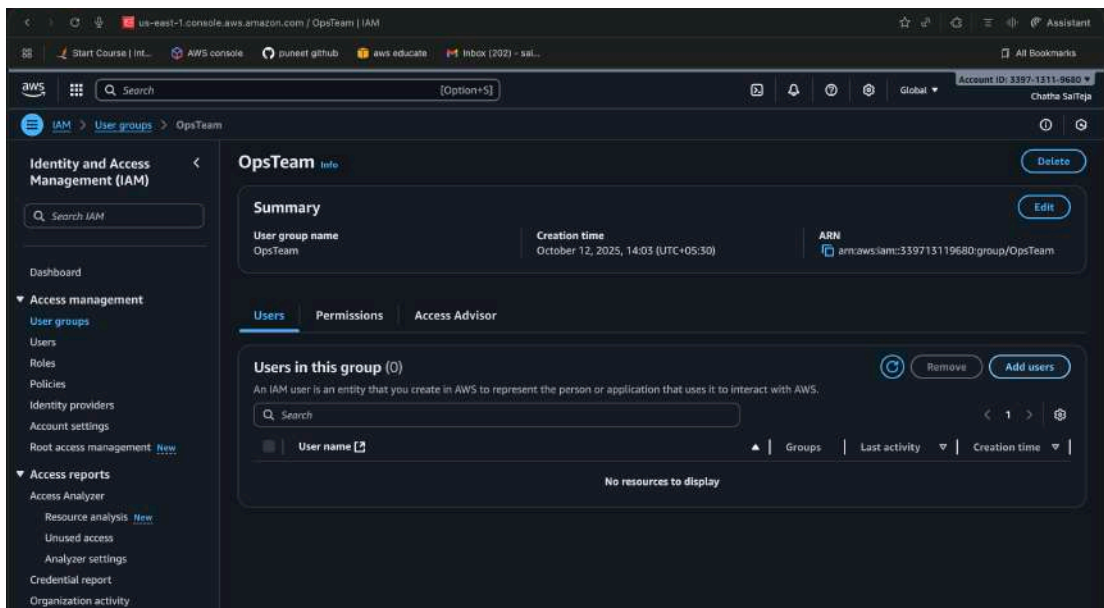

Click on Add users
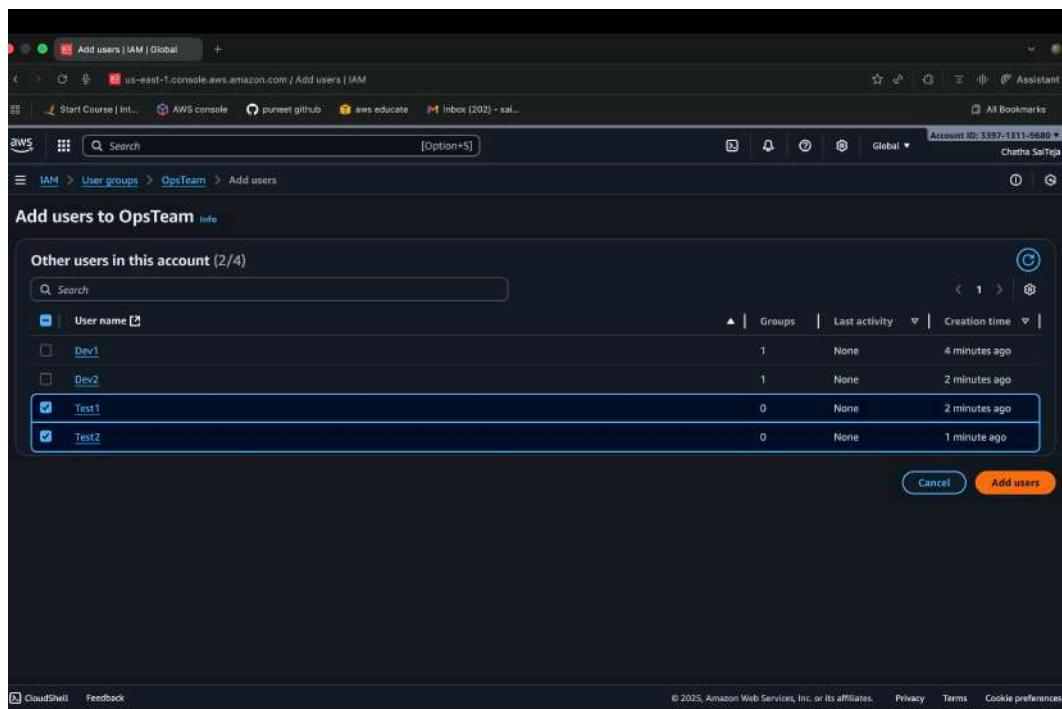

Adding Users (Dev1,Dev2) to DevTeam
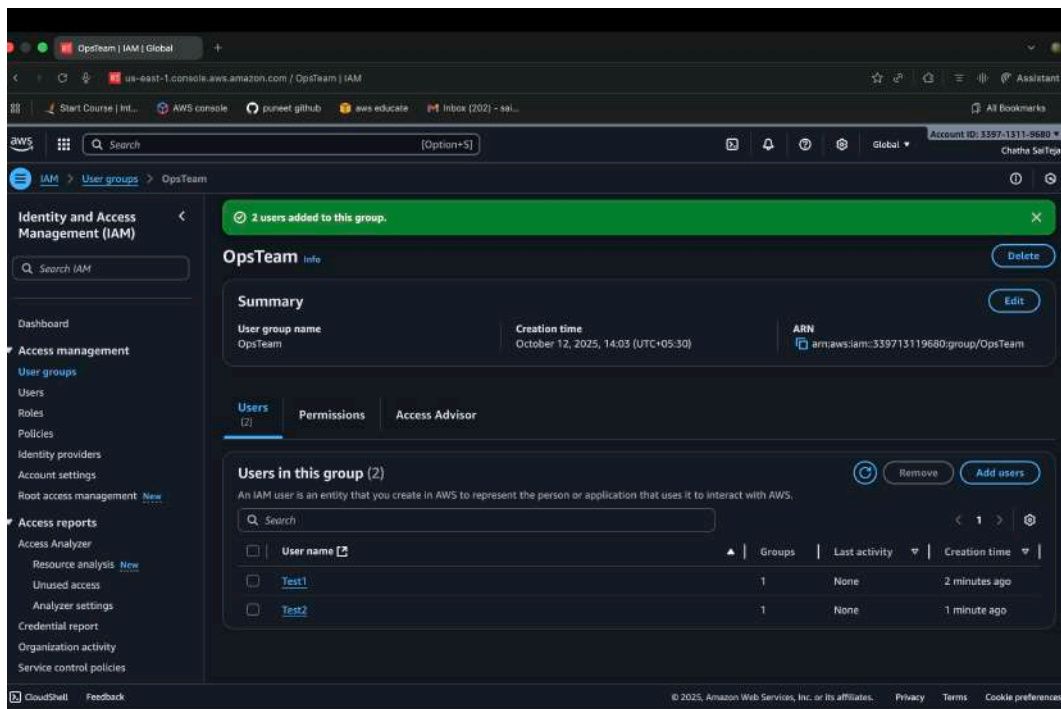
2 users added to the group

Step 12:- Lets add another two users to OpsTeam user group as same as above step.

Click On Add users

Adding Users(Test1,Test2) to OpsTeam

2 users added to the OpsTeam User group

Step13:- In this Assignment we created 4 IAM users- "Dev1","Dev2", "Test1" and "Test2", and created 2 User groups-"Dev Team" and "Ops Team" then we added "Dev1","Dev2" to DevTeam and "Test1" and "Test2" to OpsTeam