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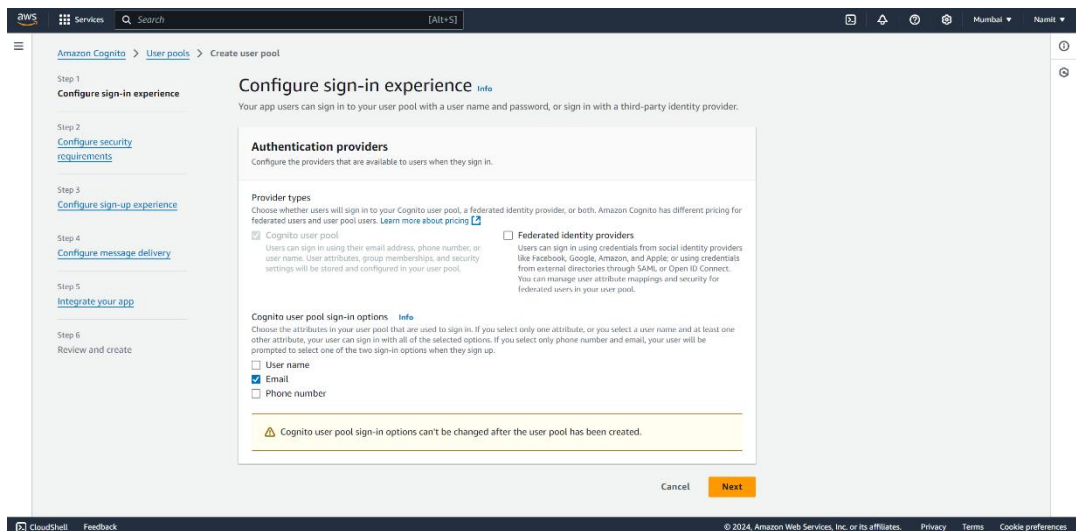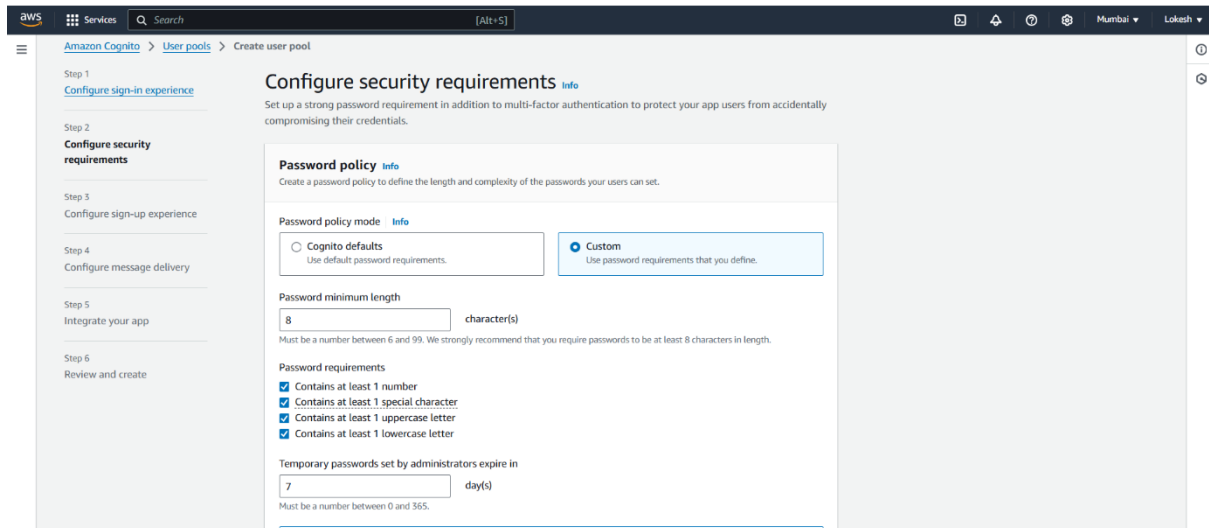**Name of the Student:** Namit Agarwal   **PRN:** 20220801019

Title of Practical: Creating a User Pool in AWS Cognito

Step 1: Configure Sign-In Experience

1. Go to **Amazon Cognito** in the AWS Console.

2. Click **Create User Pool**.

3. In **Sign-in experience**:

   o Set **Provider Type** to **Create User Pool**.

   o Choose **Email** as the sign-in option.

   o Click **Next**.

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Step 2: Configure Security Requirements

1. In **Security requirements**:

   o Set **Password policy** to **Custom password**.

   o Set **MFA** to **Optional** and **MFA Method** to **Authenticator Apps**.

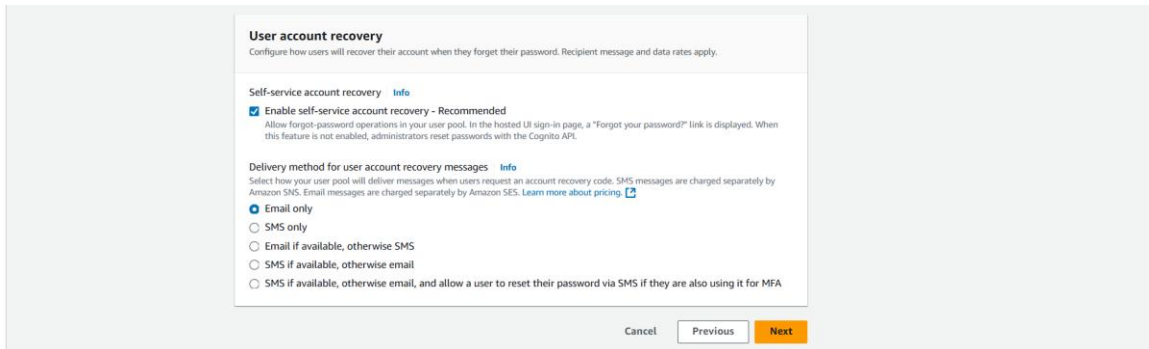   o Enable **Self-service account recovery**.

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o   For **Delivery method for user account recovery messages**, select **Email only**.
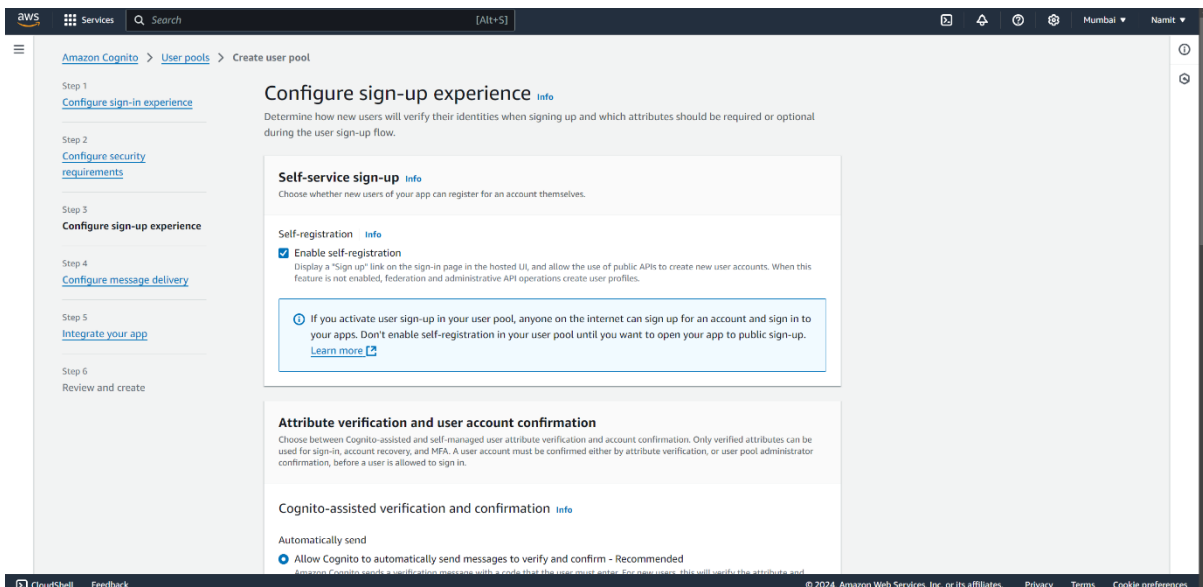
Step 3: Enable Self-Service Sign-Up

1.   Enable **Self-registration** to allow users to register themselves.

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2. In **Verification and confirmation**:

   o Enable **Allow Cognito to automatically send messages to verify and confirm**.

   o Choose **Send email message** to verify the email address.

3. For **Attribute settings**:

   o Check **Keep original attribute value active when an update is pending** (recommended) for **Email Address**.

   o In **Required attributes**, select **Name**.

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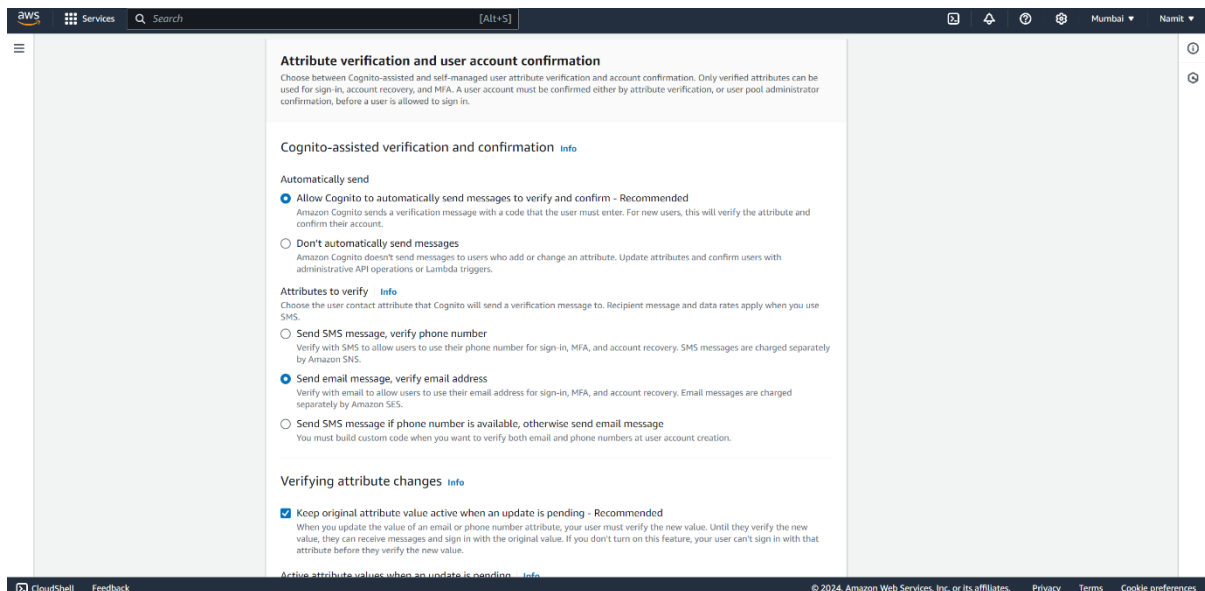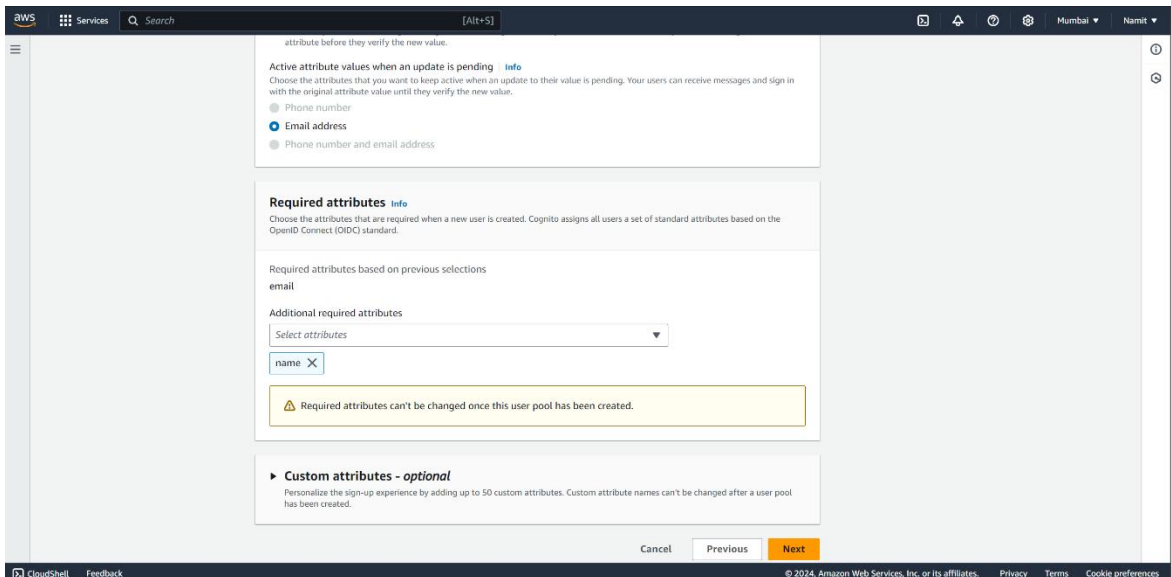**Name of the Student:**   **Namit Agarwal**   **PRN: 20220801019**

Title of Practical: **Creating a User Pool in AWS Cognito**
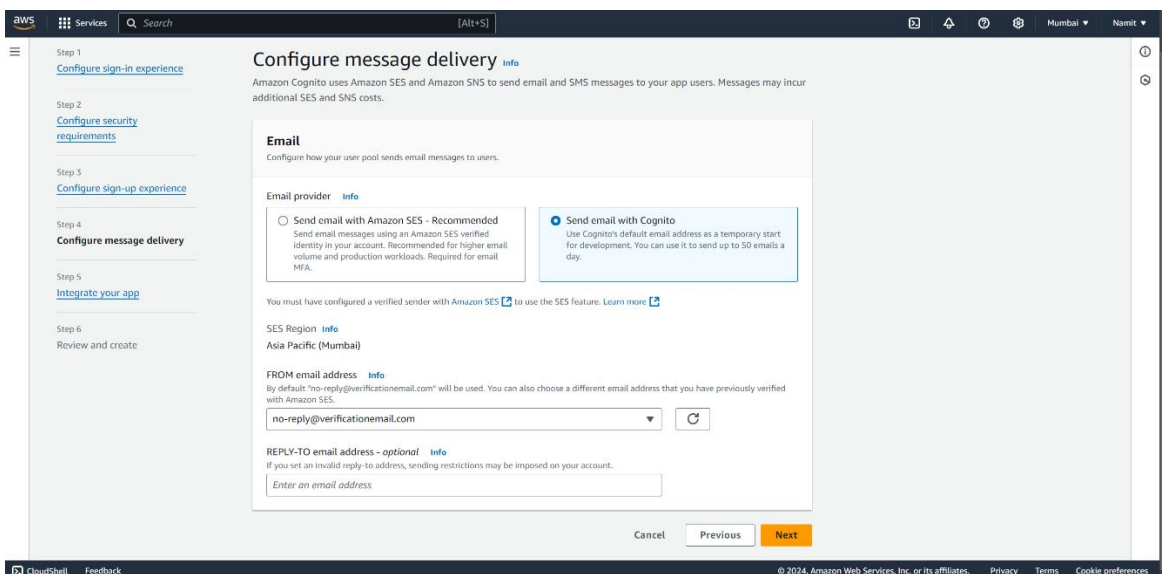
Step 4: Configure Message Delivery

1. Set **Email delivery** to **Send email with Cognito**.

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Title of Practical: **Creating a User Pool in AWS Cognito**

Step 5: Integrate Your App

1. Name your **User Pool** as desired.

2. Check **Use the Cognito Hosted UI**.

3. For **Domain**, select **Use a Cognito domain**.

Step 6: Set Up the Initial App Client

1. For **App Client**, select **Public client**.

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Title of Practical: Creating a User Pool in AWS Cognito

2. Enter a **Client name**.

3. Set the **Callback URL** to http://localhost.

4. Review the settings and click **Create User Pool**.

![D Y Patil International University, Akurdi Pune logo]

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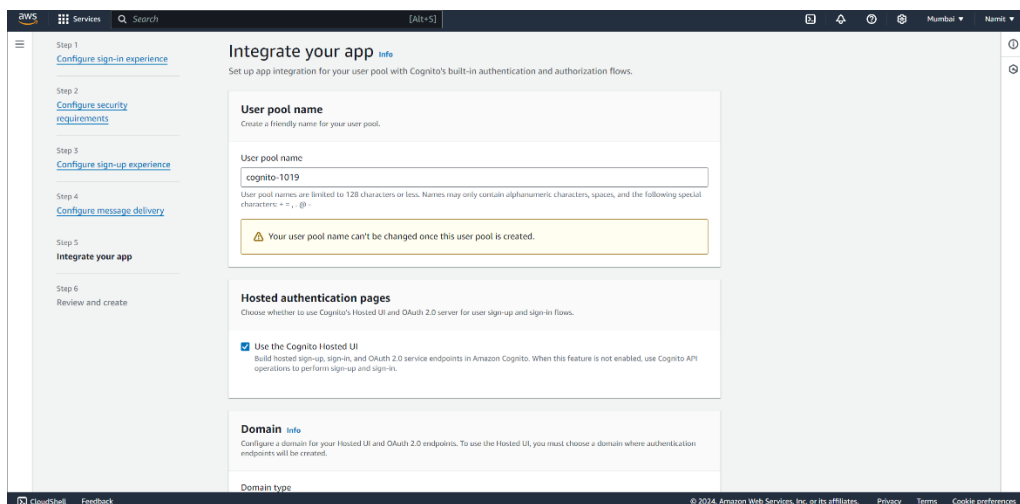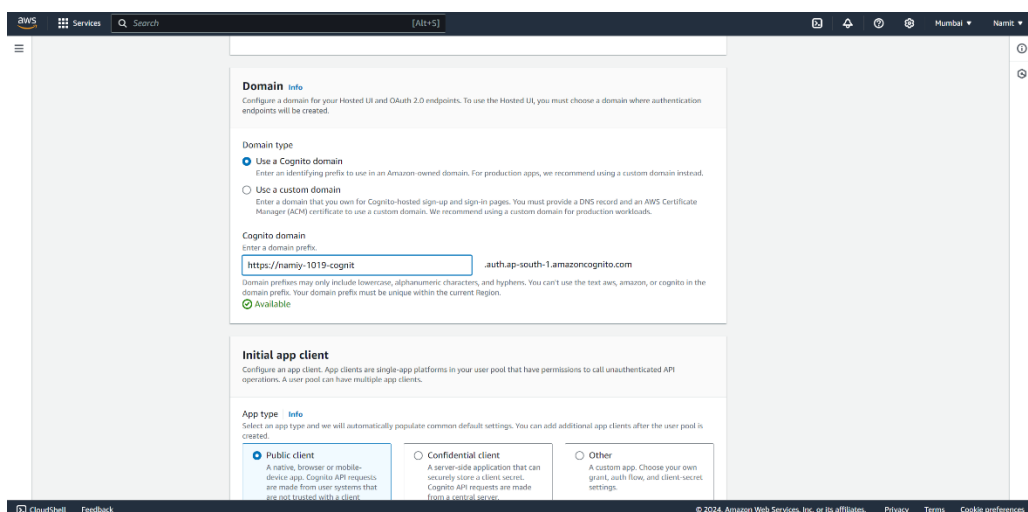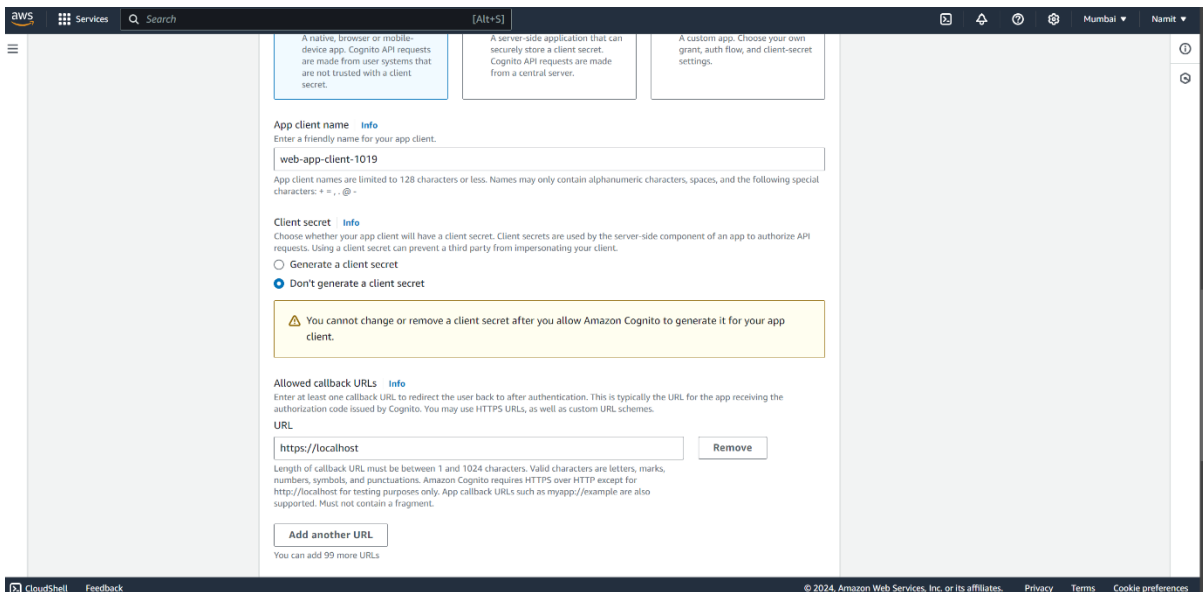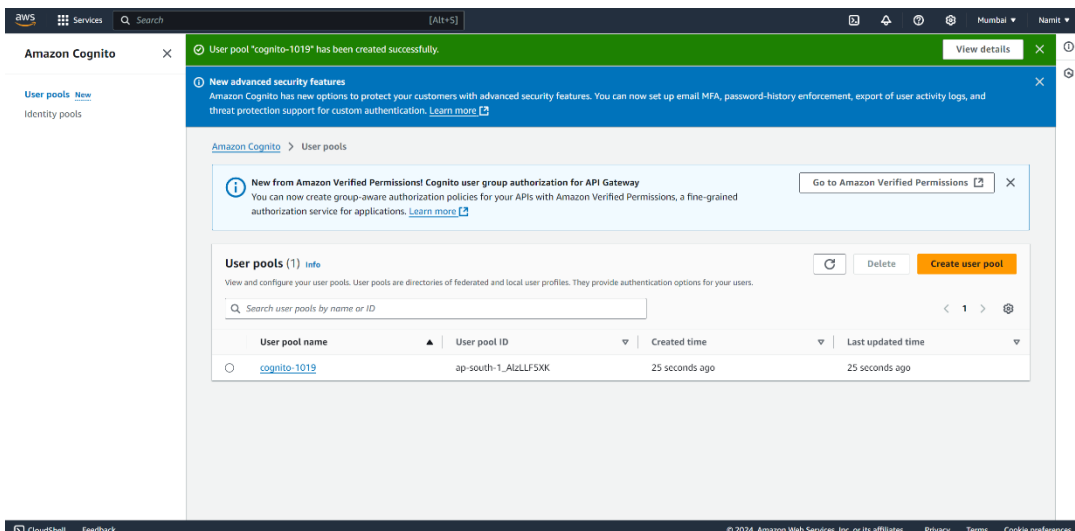**Name of the Student: Namit Agarwal   PRN: 20220801019**

Title of Practical: Creating a User Pool in AWS Cognito

Step 7: Create a User in the User Pool

1. After creating the user pool, go to the **Users** section.

2. Click **Create User**.

3. Choose **Do not send an invitation**.

4. Enter the user's **email address**.

5. Enable **Mark email address as verified**.

6. Set a password.
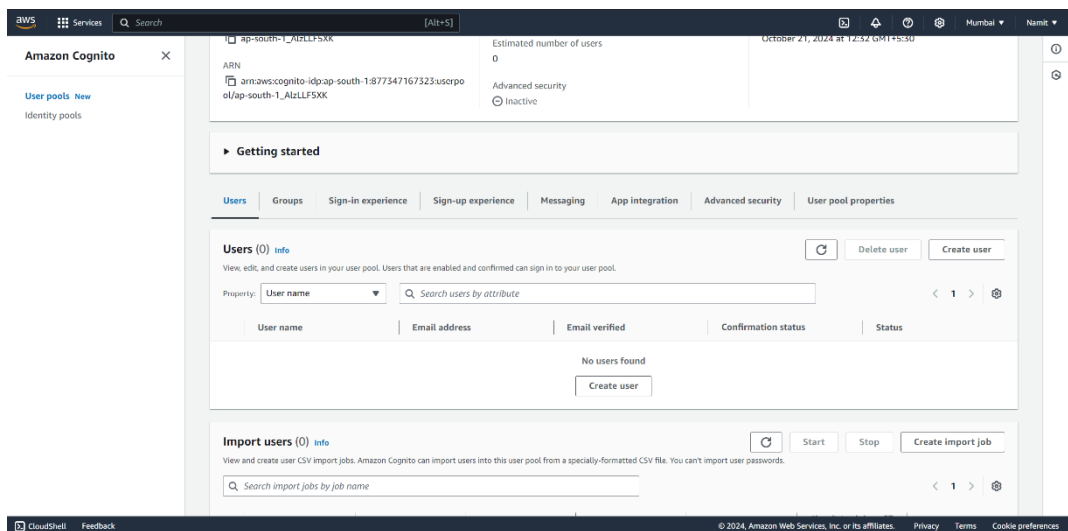
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Title of Practical: **Creating a User Pool in AWS Cognito**

7.   Click **Create User**.

Step 8: Access the Hosted UI

1.   Go to **App Integration** under the user pool.

2.   Scroll to the **App Integration** tab and locate **App Client List** within your user pool.

3.   Click on the **App Client Name**.

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Step 9: Test the Hosted UI

1. Scroll down to the **Hosted UI** section.
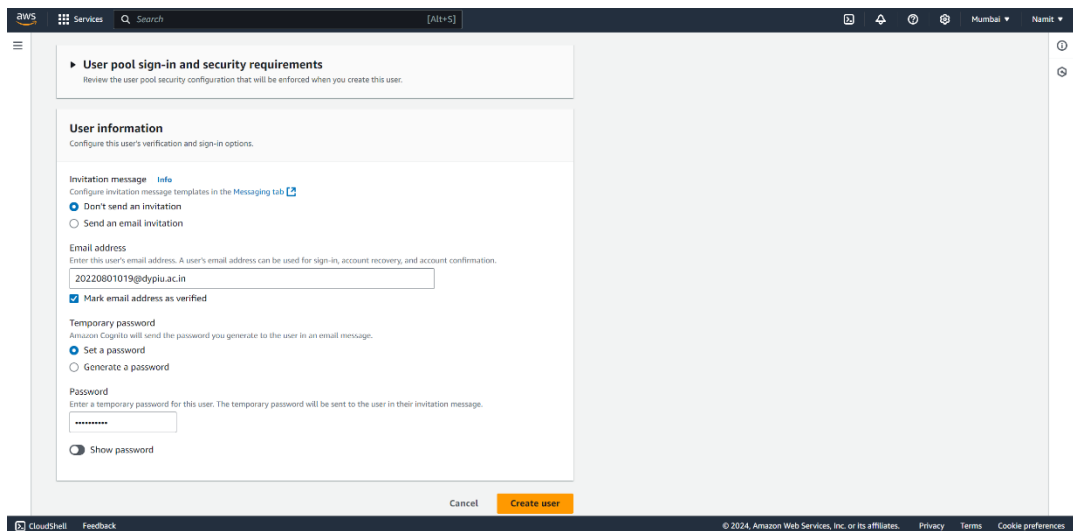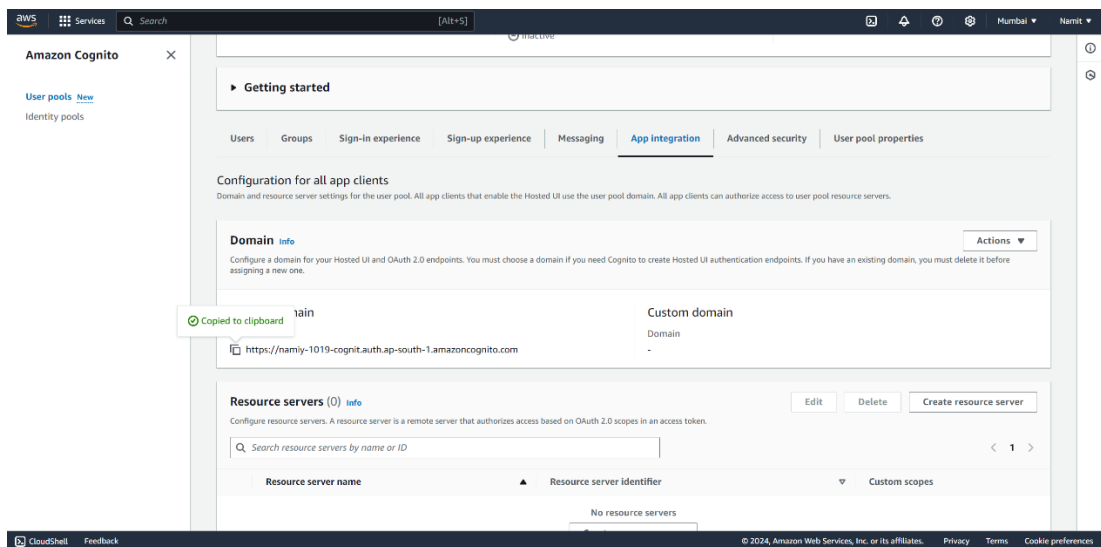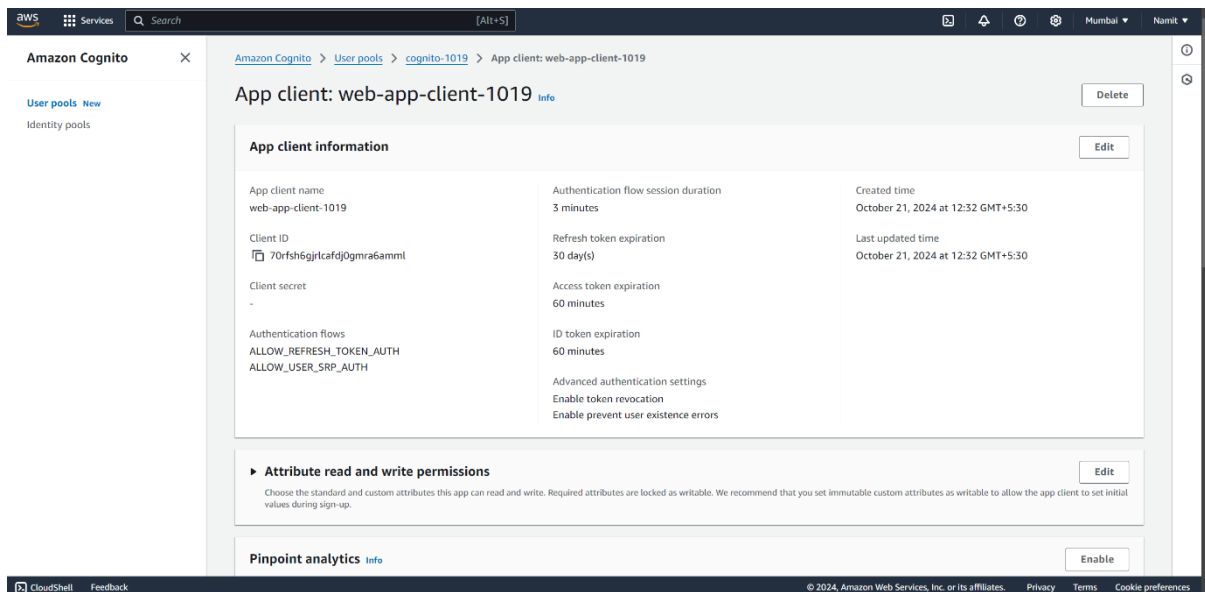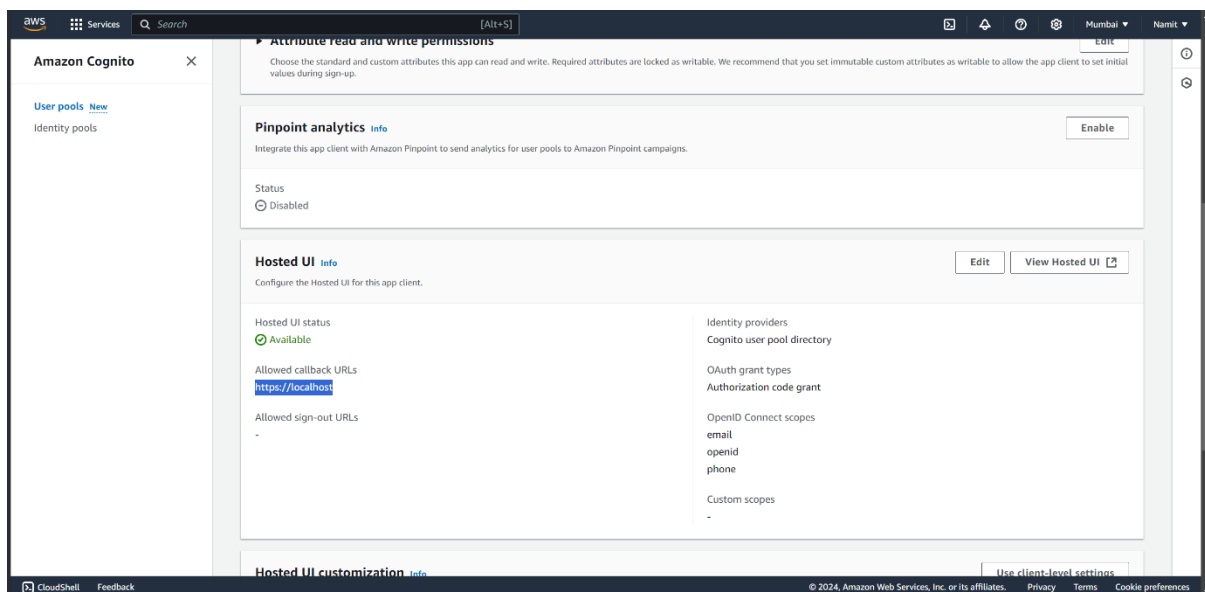2. Click **View Hosted UI**.

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3. Enter the email and password for the user created earlier, or create a new account.