Step 1 Register the application and record identifiers

To complete registration, provide the application a name, specify the supported account types, and add a redirect URI. Once registered, the application Overview pane displays the identifiers needed in the application source code.

1. Sign in to the Microsoft Entra admin center.
2. If you have access to multiple tenants, use the **Settings** icon ⚙
3. in the top menu to switch to the tenant in which you want to register the application from the **Directories + subscriptions** menu.
3. Browse to **Identity** > **Applications** > **App registrations**, select **New registration**.
4. Enter a **Name** for the application, such as *identity-client-spa*.
5. For **Supported account types**, select **Accounts in this organizational directory only**. For information on different account types, select the **Help me choose** option or see below.

- **Accounts in this organizational directory only (Default Directory only - Single tenant)**

All user and guest accounts in your directory can use your application or API.
Use this option if your target audience is internal to your organization.

- **Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)**

All users with a work or school account from Microsoft can use your application or API. This includes schools and businesses that use Office 365.
Use this option if your target audience is business or educational customers and to enable multitenancy.

- **Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)**

All users with a work or school, or personal Microsoft account can use your application or API. It includes schools and businesses that use Office 365 as well as personal accounts that are used to sign in to services like Xbox and Skype.
Use this option to target the widest set of Microsoft identities and to enable multitenancy.

- **Personal Microsoft accounts only**

Personal accounts that are used to sign in to services like Xbox and Skype.

* Name

The user-facing display name for this application (this can be changed later).

[   ]

Supported account types

Who can use this application or access this API?

(•) Accounts in this organizational directory only (Default Directory only - Single tenant)

( ) Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)

( ) Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

( ) Personal Microsoft accounts only

Help me choose...

6. Select **Register**.

7. The application's **Overview** pane is displayed when registration is complete. Record the **Directory (tenant) ID** and the **Application (client) ID** to be used in your application source code.
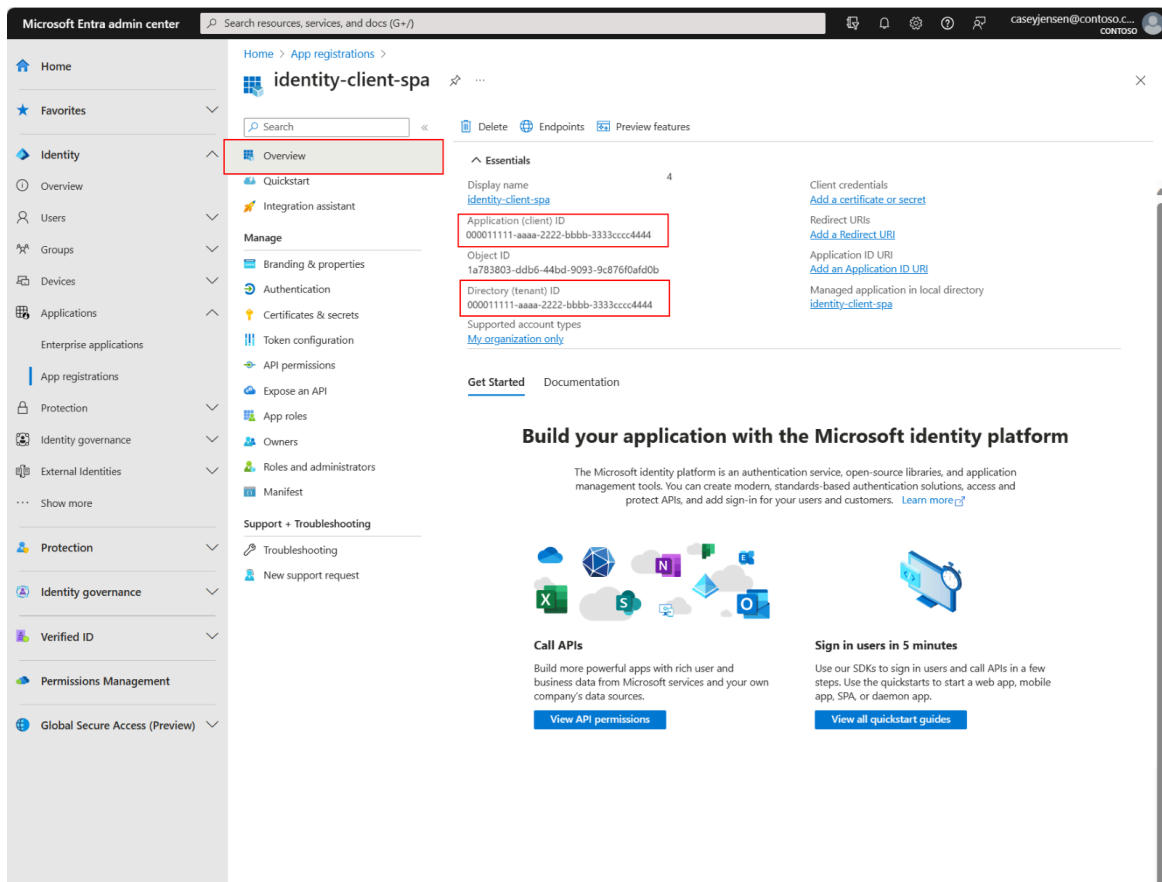
To configure application settings based on the platform or device you're targeting, follow these steps:

● In the Microsoft Entra admin center, in App registrations, select your application.

● Under Manage, select Authentication.

● Under Platform configurations, select Add a platform.

- Under Configure platforms, select the tile (Single Page Application) for your application type (platform) to configure its settings then add the URL http://localhost:5173/auth/callback (You can change accorgingly by seeing the url in authConfig.js)
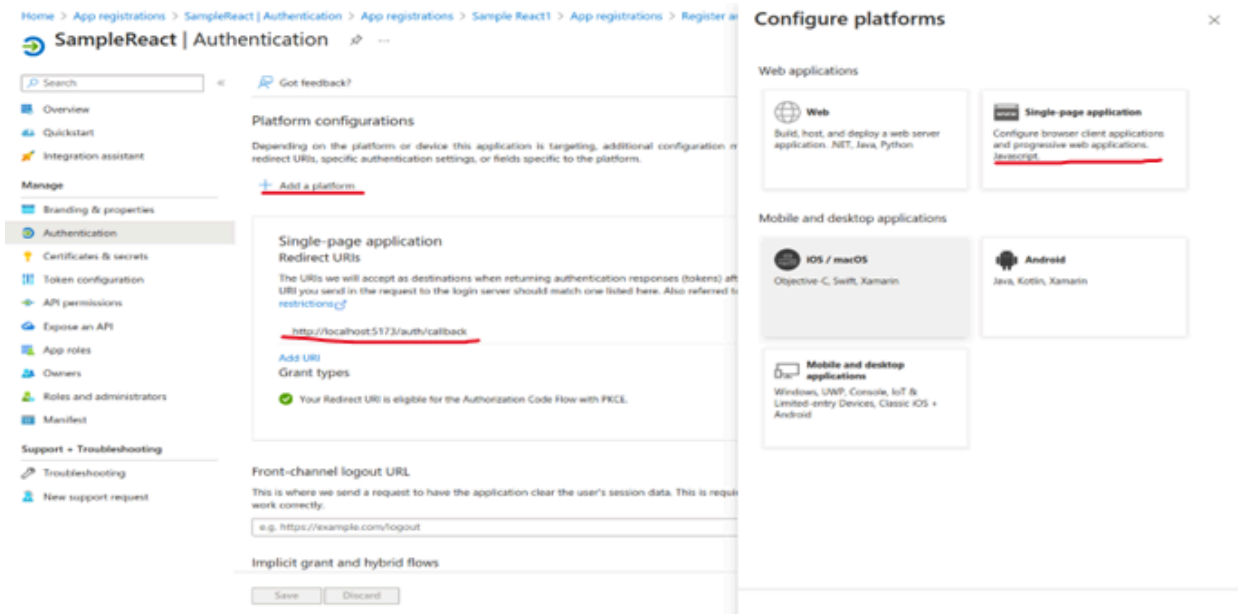
- At last save the changes made

Step 2 Creat the react project with following Folder structure

```
├── public
│   └── index.html
└──src
├── components
│   └── PageLayout.jsx
│   └── ProfileData.jsx
│   └── SignInButton.jsx
│   └── SignOutButton.jsx
└── App.css
```

└── App.jsx

└── authConfig.js

└── graph.js

└── index.css

└── index.js

You can clone this repo or use the files as it has already set up files

Step 3 Install following packages in the react project

@azure/msal-browser @azure/msal-react

react-bootstrap bootstrap

run the command as follows :

`npm install @azure/msal-browser @azure/msal-react`

`npm install react-bootstrap bootstrap`

Step 4

Modify the config.js file with your Client Id,Tenant Id and Redirect URI