

Name: Sachit Bhor
Roll No: 21141244

Experiment No: 08

Title: Implement “SAAS” model using Microsoft Azure.

Practical:

The screenshot shows the Microsoft Azure portal dashboard. The browser address bar displays the URL: `portal.azure.com/#@sachitbhor1gmail.onmicrosoft.com/dashboard/private/6437ff89-924f-4b5f-870b-9852e98a9093`. The dashboard header includes the Microsoft Azure logo and a search bar. Below the header, there's a "My Dashboard" section with a "Private dashboard" label and various action buttons like "Create", "Upload", "Refresh", "Full screen", "Edit", "Share", "Export", "Clone", "Assign tags", "Delete", and "Feedback". A notification bar indicates "Auto refresh: Off". A message box suggests getting access to an improved dashboard experience and new mobile presence, with a "Try it now" link. The main content area is divided into two columns. The left column, titled "All resources", lists various subscriptions and services, including "aianytime-gpt" (Azure OpenAI), "aianytimesearch" (Search service), "DiabetesPrediction" (App Service), "DiamondPricePrediction" (App Service), "aichatbotcongnitive" (App Service), "asp-aichatbotcongnitive" (App Service plan), "ASP-FlaskWeb-9525" (App Service plan), "db-aichatbotcongnitive" (Azure Cosmos DB a...), "DiabetesPredicti-id-8092" (Managed Identity), "DiabetesPredicti-id-882c" (Managed Identity), "DiabetesPredicti-id-9e8b" (Managed Identity), and "DiabetesPredicti-id-a431" (Managed Identity). The right column features a "Quickstarts + tutorials" section with links to "Windows Virtual Machines", "Linux Virtual Machines", and "App Service".

The screenshot shows the Microsoft Azure portal interface for the "Default Directory | Overview" page. The browser address bar displays the URL: `portal.azure.com/#view/Microsoft_AAD_IAM/ActiveDirectoryMenuBlade/~/Overview`. The page header includes the Microsoft Azure logo, a search bar, and a "Copilot" button. The main content area is divided into two columns. The left column contains a navigation menu with options like "Overview", "Preview features", "Diagnose and solve problems", "Manage", "Monitoring", and "Troubleshooting + Support". The right column displays the "Default Directory | Overview" page, which includes a "Basic information" section with details such as "Name" (Default Directory), "Tenant ID" (c6b51e99-828c-4d3c-aea1-11e6854b6333), "Primary domain" (sachitbhor1gmail.onmicrosoft.com), "License" (Microsoft Entra ID Free), "Users" (1), and "Groups" (0). A search bar labeled "Search your tenant" is also present.

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portal.azure.com/#view/Microsoft_AAD_RegisteredApps/CreateApplicationBlade/isMSAApp~/false

Microsoft Azure Search resources, services, and docs (G+/) Copilot

Dashboard > Default Directory | Overview >

Register an application

* Name

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

spa-code-decode ✓

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...](#)

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Single-page application (SPA) https://localhost:8082 ✓

By proceeding, you agree to the [Microsoft Platform Policies](#)

portal.azure.com/#view/Microsoft_AAD_RegisteredApps/ApplicationMenuBlade/~/Overview/appld/378dc...

Microsoft Azure Search resources, services, and docs (G+/) Copilot

Dashboard > Default Directory | Overview >

spa-code-decode

Search

Delete Endpoints Preview features

Overview

- Quickstart
- Integration assistant
- Diagnose and solve problems
 - Manage
 - Support + Troubleshooting

Essentials

Display name	Client credentials
spa-code-decode	Add a certificate or secret
Application (client) ID	Redirect URIs
378dc51d-c8c8-4ec6-b8bb-6002d390869f	0 web, 1 spa, 0 public client
Object ID	Application ID URI
e2c2fc36-36e1-48fb-9f9a-5f404bef0f12	Add an Application ID URI
Directory (tenant) ID	Managed application in local directory
c6b51e99-828c-4d3c-aea1-11e6854b6333	spa-code-decode
Supported account types	
My organization only	

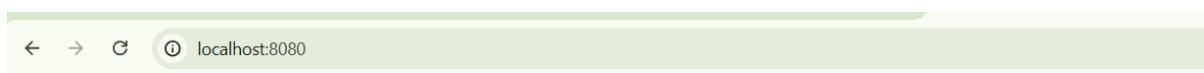
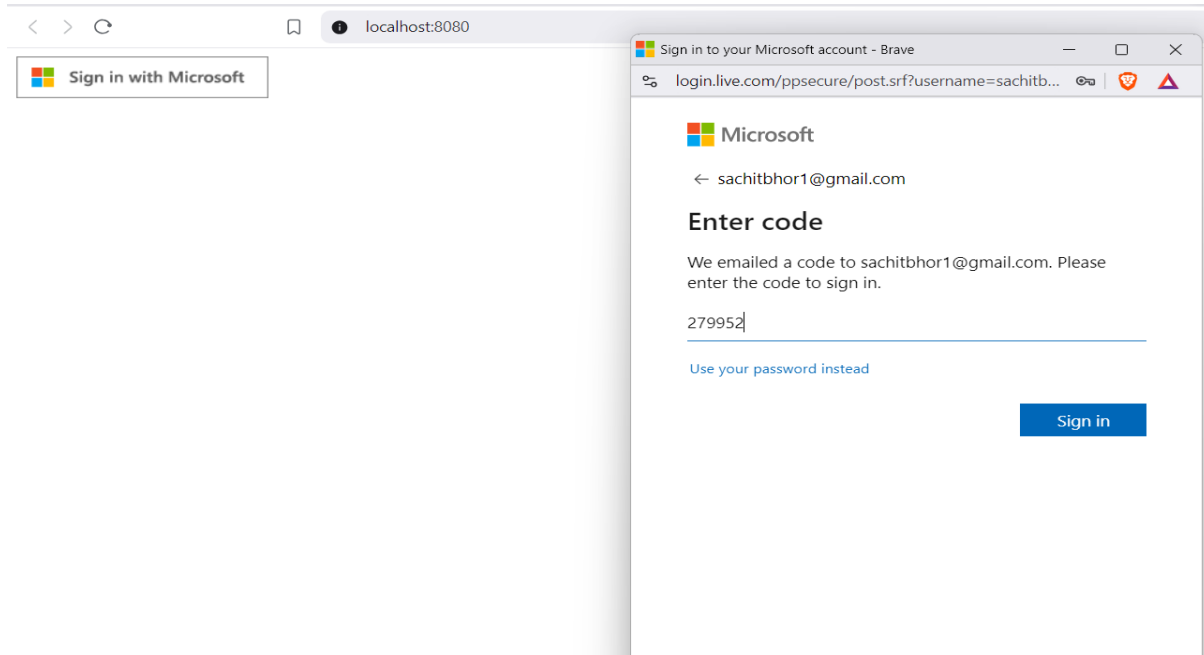
Get Started Documentation

Got a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer). →

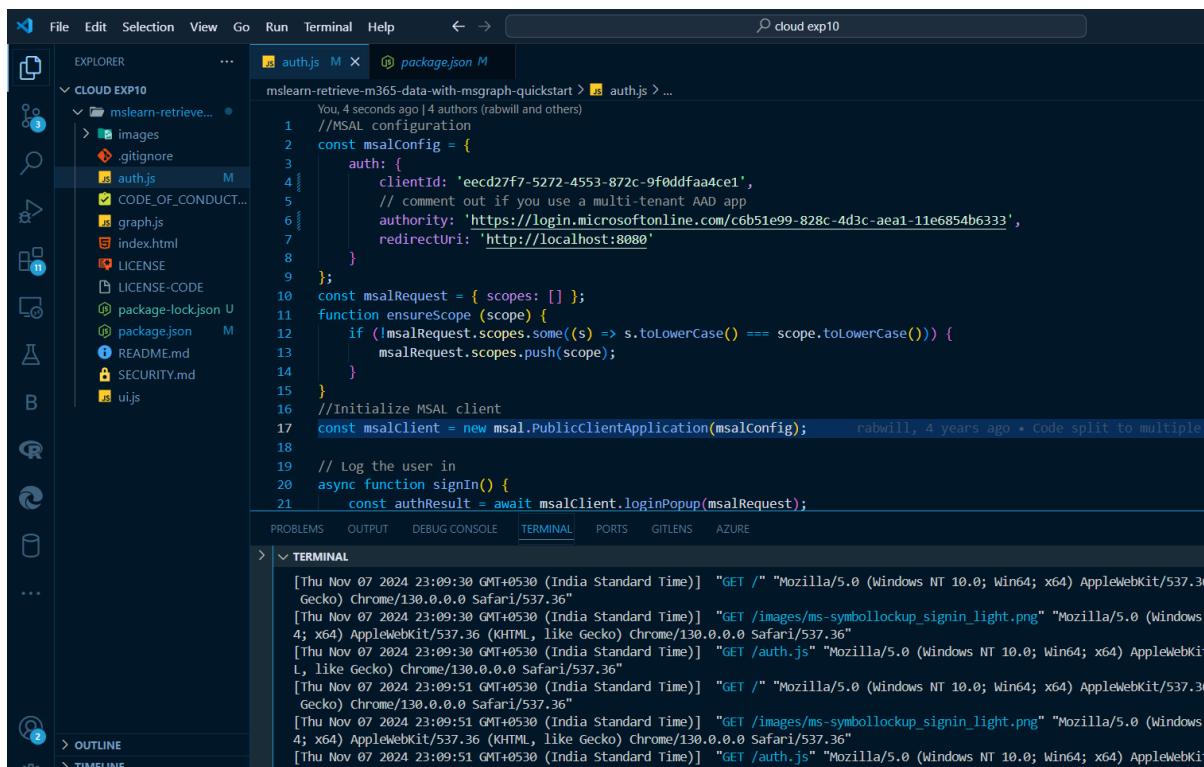
Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

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Welcome sachit bhor



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Command Prompt - ngrok ht

Windows PowerShell

ngrok

Found a bug? Let us know: <https://github.com/ngrok/ngrok>

Session Status

Account

Update

Version

Region

Latency

Web Interface

Forwarding

online

sachit (Plan: Free)

update available (version 3.18.2, Ctrl-U to update)

3.17.0

India (in)

6ms

<http://127.0.0.1:4040>

<https://e499-137-59-205-183.ngrok-free.app> -> <http://localhost:8080>

Connections

ttl

opn

rt1

rt5

p50

p90

8

0

0.08

0.02

2.52

5.17

HTTP Requests

23:31:25.441 IST GET /images/ms-symbollockup_signin_light.png 200 OK

23:31:25.453 IST GET /graph.js 200 OK

23:31:25.455 IST GET /ui.js 200 OK

23:31:25.394 IST GET / 200 OK

23:31:25.446 IST GET /auth.js 200 OK

23:30:19.770 IST GET /images/ms-symbollockup_signin_light.png 200 OK

23:30:19.769 IST GET /auth.js 200 OK

23:30:19.764 IST GET /ui.js 200 OK

23:30:19.770 IST GET /graph.js 200 OK

23:30:19.609 IST GET / 200 OK

← → ↺

portal.azure.com/#view/Microsoft_AAD_RegisteredApps/ApplicationMenuBlade/~/Authentication/appld/eecd27f7-5272-4553-872c-9f0ddfaa4ce1/objectId/...

★

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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sachitbhor1@

DEFAULT DIRECTORY

Dashboard > Default Directory | Overview > spa-code-decode

spa-code-decode | Authentication

Search

Got feedback?

Overview

Quickstart

Integration assistant

Diagnose and solve problems

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators

Manifest

Support + Troubleshooting

Platform configurations

Depending on the platform or device this application is targeting, additional configuration may be required such as redirect URIs, specific authentication settings, or fields specific to the platform.

Add a platform

Single-page application

Redirect URIs

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating or signing out users. The redirect URI you send in the request to the login server should match one listed here. Also referred to as reply URLs. [Learn more about Redirect URIs and their restrictions](#)

<https://e499-137-59-205-183.ngrok-free.app/>

Add URI

Grant types

Your Redirect URI is eligible for the Authorization Code Flow with PKCE.

Save

Discard

Name: Sachit Bhor
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e499-137-59-205-183.ngrok-free.app

Welcome SACHIT BHOR

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portal.azure.com/#view/Microsoft_AAD_IAM/StartboardApplicationsMenuBlade/~/_/AppAppsPreview

🔍

Search resources, services, and docs (G+)

Copilot

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⚙️

🔔

👤

sachit.bhor@gcekarad.a...

GOVERNMENT ENGINEERING CO...

Microsoft Azure

Home > Enterprise applications

Enterprise applications | All applications

Government Engineering College

✕

✕

«

+ New application

🔄 Refresh

⬇️ Download (Export)

📘 Preview info

📄 Columns

🔗 Preview features

🗨️ Got feedback?

> Overview

> Manage

All applications

Private Network connectors

User settings

App launchers

Custom authentication extensions

> Security

> Activity

> Troubleshooting + Support

View, filter, and search applications in your organization that are set up to use your Microsoft Entra tenant as their Identity Provider.

The list of applications that are maintained by your organization are in [application registrations](#).

🔍 spa

✕

Application type == Enterprise Applications

✕

Application ID starts with

✕

+ Add filters

1 application found

Name	Object ID	Application ID	Homepage URL	Created on	Certificate Expiry S...	Active Certificate E...	Identifier URI (Enti...
spa-code-decode	6bb073f8-d613-4045-8...	eeed27f7-5272-4553-8...		11/7/2024	-	-	eeed27f7-5272-4553-8...

Microsoft Azure

portal.azure.com/#view/Microsoft_AAD_IAM/StartboardApplicationsMenuBlade/~/_/AppAppsPreview

Search resources, services, and docs (G+)

Copilot

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sachit.bhor@gcekarad.a...

GOVERNMENT ENGINEERING CO...

Home > Enterprise applications | All applications >

spa-code-decode | Overview

Enterprise Application

✕

Overview

Deployment Plan

Diagnose and solve problems

> Manage

> Security

> Activity

> Troubleshooting + Support

Properties

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Name

spa-code-decode

Application ID

eeed27f7-5272-4553-872c-...

Object ID

6bb073f8-d613-4045-8bcf-...

Getting Started

1. Assign users and groups

Provide specific users and groups access to the applications

[Assign users and groups](#)

2. Provision User Accounts

You'll need to create user accounts in the application

[Learn more](#)

3. Self service

Enable users to request access to the application using their Microsoft Entra credentials

[Get started](#)

What's New

Sign in charts have moved!

The new Insights view shows sign in info along with other useful application data. [View insights](#)