NestJs + Google Calender + Microsoft Calender

# GoogleCalendarApi

1. Open <https://console.cloud.google.com/>, and create a project.

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2. Enable “Google Calendar Api”

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3. OAuth consent screen, create necessary info.

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**Note: I have already choose google calendar api in another app, so it won’t display here. This option is only for demo.**

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Testing.This status indicates the current app is in testing phase and only allows 100 users.

    if we want to publish app, click the “PUBLISH APP” button and get the below information:

    Push to production?

    Your app will be available to any user with a Google Account.

    You've configured your app in a way that requires verification. To complete verification, you will need to provide:

    An official link to your app's Privacy Policy.

    A YouTube video showing how you plan to use the Google user data you get from scopes.

    A written explanation telling Google why you need access to sensitive and/or restricted user data.

    All your domains verified in Google Search Console.

4. Create credentials

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Note: The number 5 should be <http://localhost:4000/googleauth/google/callback> in this nest demo.

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**Note: Note down the Client ID and Client secret for later use.**

Since the app is in testing status, only the users added here can test in client app. If the app is published, all the users that has a google account can have access to the app.

5. Test:

Download the <https://github.com/guardiangel/my-google-calendar-app>

yarn start:dev

http://localhost:4000/googleauth/google

Microsoft Calendar

1. Sign in: <https://azure.microsoft.com/en-us/get-started/azure-portal> (Registration is needed if you don’t have an account).
2. Search “Microsoft Entra ID” on the home page. In the left menu, click “App registration”->” New registration”
3. Fill out the necessary fields.

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The number 4 is critical since we use 4000 as the default port of nestjs and /outlook/callback as the callback method in the relevant controller.

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Note down the client ID and tenant ID.

1. Create a credential to use.

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Note down the value.

1. Add permission.

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Pay attention to the permissions we added.

6. Test

Download the <https://github.com/guardiangel/my-google-calendar-app>

yarn start:dev

7. Visit <http://localhost:4000/outlook/login>

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