

Pre-requisite:

- 1) UiPath Studio installed on a Windows machine**
- 2) Setup folders and inputs files for teams (Mandatory)**

Reason: The team who wish to use this notification service should provide player details like name, email & address. Schedule and venue details are common for all the team which will have all the schedule detail, venue names & addresses

Steps:

- I. Create a folder called 'Input' under 'Data' and place the teams.xlsx, schedule.xlsx and venue.xlsx files in it
- II. Create folders of team names (from Teams.xlsx)
- III. Place 'Player.xlsx' in the respective teams folder.

Note: Excel is not mandatory for this execution, but if you use google sheets to create the input files please convert the files to .xlsx format(if excel is not installed)

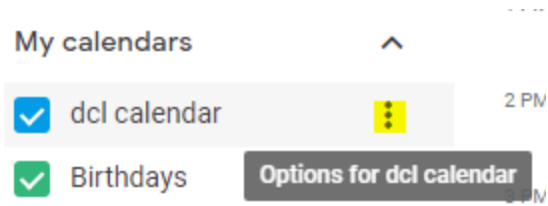
3) UiPath Activities:

- a) Please install Google Suite (Gsuite activity pack from UiPath Go!) for Calendar
<https://go.uipath.com/component/google-gsuite>
- b) UiPath.Web.Activities [for HTTP request] to google location API and Open weather map API requests
<https://activities.uipath.com/docs/about-the-web-activities-pack>

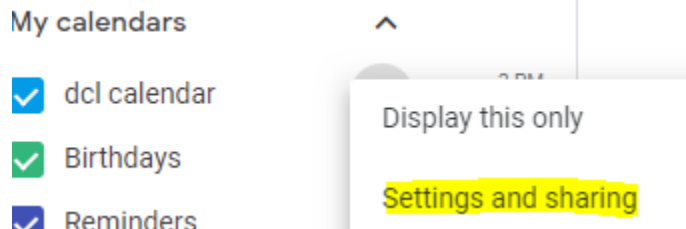
4) Share the google calendar to all team captains (optional)

Reason: The calendar invite for the match will be sent to all the players but the main calendar will be only shared to the various team captions who sign up for the notification, so that they can check all the calendars invites

- a) Go to Calendar.google.com , login with your scheduling team id
- b) Hover over and click on 3 dots next to the primary calendar you will be sharing.



c) Click on 'Settings and Sharing'



d) Check on 'Make available to public'

Access permissions

☐ Make available to public

e) Accept the warning

f) Click on 'Get shareable link'

Access permissions

☒ Make available to public

Get shareable link

[Learn more about sharing your calendar](#)

g) Pass this link to all the team captains you wish to notify the schedule

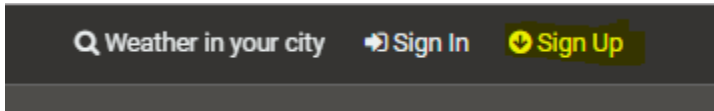
5) API Setup's (Mandatory)

Reason: Open weather map api will be used to get the weather details based on a zip code during different time durations and Google location api provides the distance and duration between player residence and playing venue

Steps:

Open Weather API setup:

1. Go to <https://openweathermap.org/>
2. Click on 'Sign up'



3. Fill in the details to create an account

Create New Account


We will use information you provided for management and administration purposes, and for keeping you informed by mail, telephone, email and SMS of other products and services from us and our partners. You can proactively manage your preferences or opt-out of communications with us at any time using Privacy Centre. You have the right to access your data held by us or to request your data to be deleted. For full details please see the OpenWeather [Privacy Policy](#).


☐ I am 16 years old and over

☐ I agree with [Privacy Policy](#), [Terms and conditions of sale](#) and [Websites terms and conditions of use](#)

4. Click on 'Sign in'

Sign In To Your Account

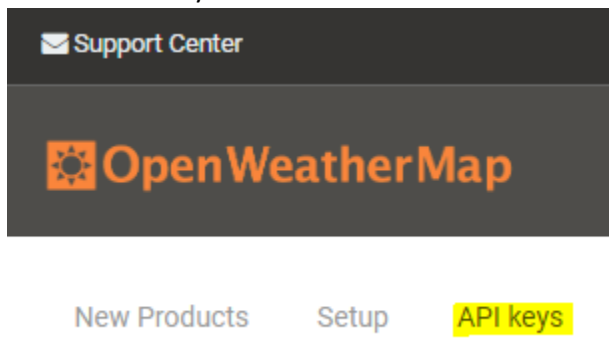
 dclcalendar2019@gmail.com



☐ Remember me

Submit

5. Sign in to the account
6. Note the API key



7. logout

Google Direction and Calendar API setup:

1. Login to your google mail account
2. Go to <https://console.developers.google.com/>
3. Activate your free Trial



Your free trial is waiting: activate now to get \$300 credit to explore Google Cloud products. [Learn more](#)

DISMISS



4. Agree and continue

Try Google Cloud Platform for free

Step 1 of 2

Country

United States ▼

Terms of service

☒ I have read and agree to the [Google Cloud Platform Free Trial Terms of Service](#).

Required to continue

AGREE AND CONTINUE

START MY FREE TRIAL

5. Provide your address and card details [No auto charge after free trial ends]

Welcome dcl!

Thanks for signing up for the 12-month free trial.

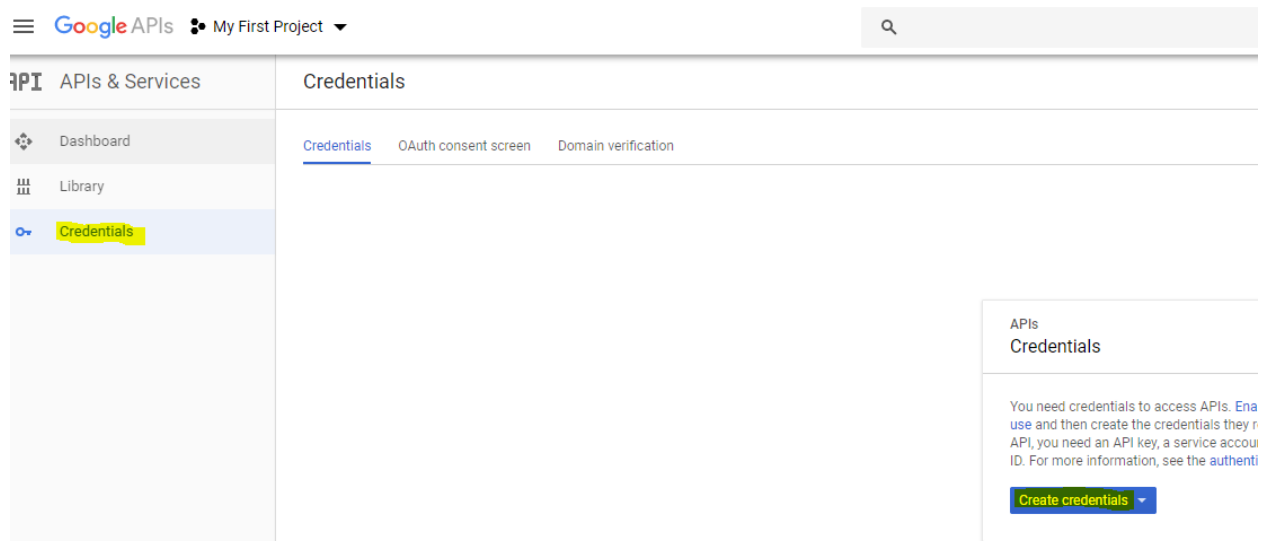
We've given you \$300 in free trial credit to spend. If you run out of credit, don't worry, you won't be billed until you give your permission.

[GOT IT](#)

- Click on 'Google API' logo to get to the home page



- Click on 'Credentials' -> Create Credentials



- Choose 'API Key'

APIs Credentials

You need credentials to access APIs. [Enable the APIs you plan to use](#) and then create the credentials they require. Depending on the API, you need an API key, a service account, or an OAuth 2.0 client ID. For more information, see the [authentication documentation](#).

Create credentials ▾

API key

Identifies your project using a simple API key to check quota and access

9. Note down the API Key

API key created

Use this key in your application by passing it with the `key=API_KEY` parameter.

10. Click on 'Create Credentials' again
11. Click on 'OAuth Client ID'

Credentials

Credentials OAuth consent screen Domain verification

Create credentials ▾

Delete

API key

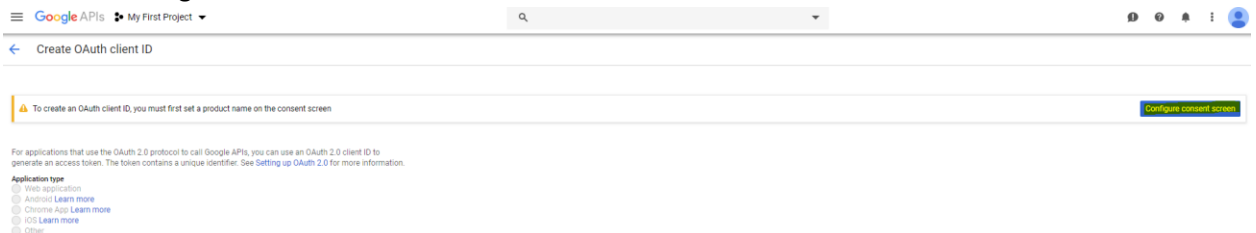
Identifies your project using a simple API key to check quota and access

OAuth client ID


Requests user consent so your app can access the user's data

Service account key

12. Click on 'Configure Consent screen'



13. Provide an Application name [mandatory]

Application name 
The name of the app asking for consent

14. Click 'Save' at the end of the screen

15. Choose 'Other' provide a name and click 'Create'

For applications that use the OAuth 2.0 authorization protocol, you must generate an access token. The token is used to access the API.

Application type


☐ Web application

☐ Android [Learn more](#)

☐ Chrome App [Learn more](#)

☐ iOS [Learn more](#)

☒ Other

Name 

16. Note down the Client ID and Client Secret

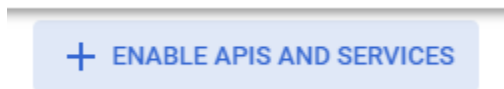
OAuth client

The client ID and secret can always be found in the Google API Services

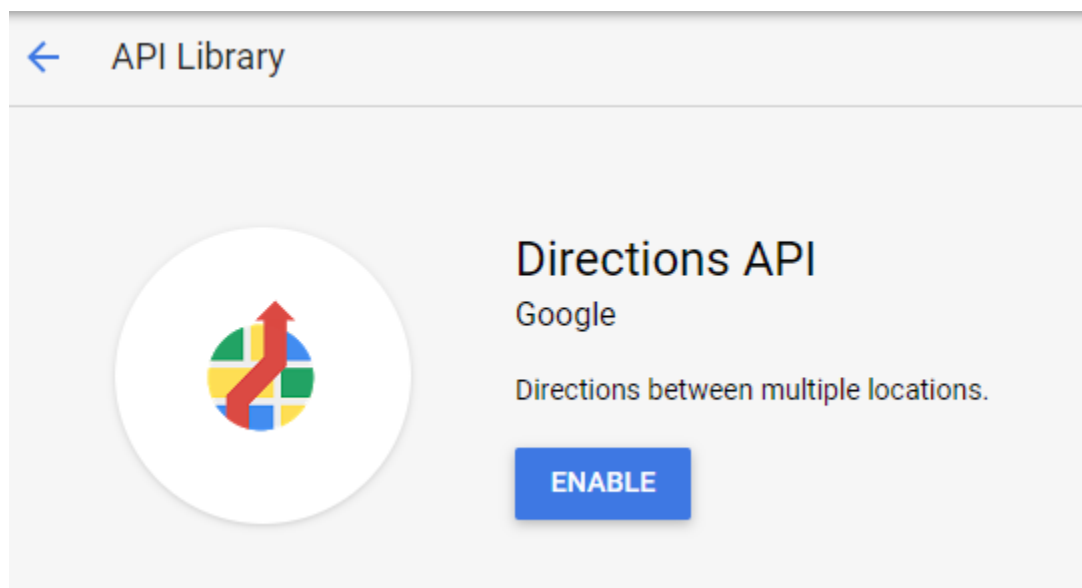
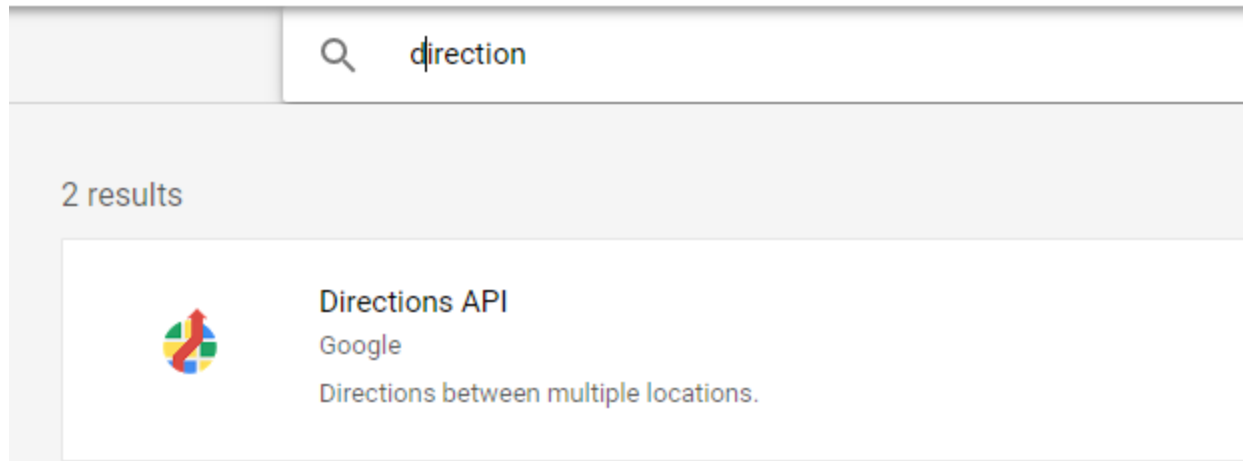
17. To Enable 'Direction API' and 'Calendar API', Click on 'Google API' logo to get to the home page



18. Click

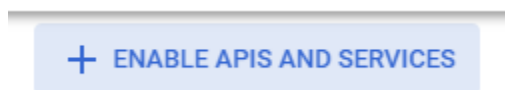


19. Search for 'Direction API'

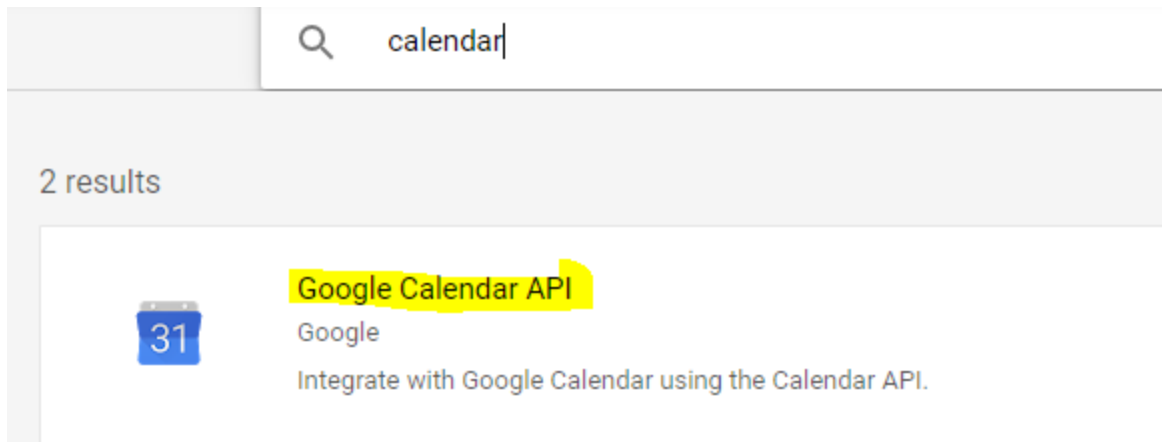


20. Enable it

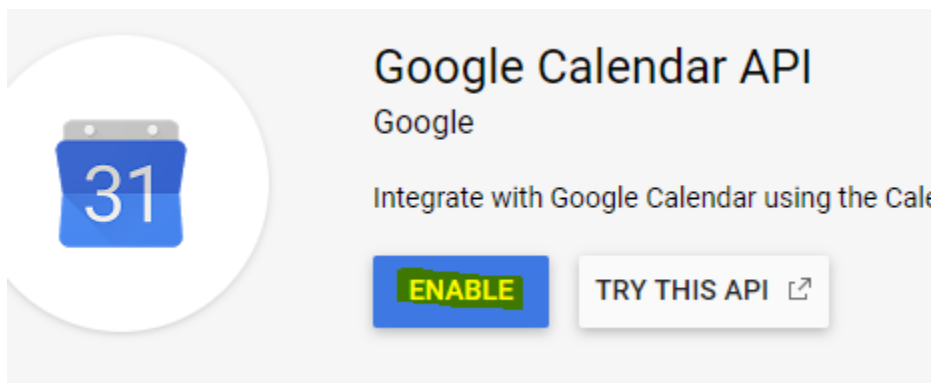
21. Click



22. Search for Calendar API



23. Enable it



24.

6) Update Data\ config.xls -> settings sheet

| Name | Value |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| logF_BusinessProcessName | Sports Inviter |
| strWeatherAPIKey | e7afe69aaa...4766e7c99d33ed |
| strGoogleAPIKey | AIzaSyAz1zIM2sI7y-kl...UzIjsJLSgoM |
| strGoogleClientID | 396095208957-jotjvtodurgso9tmqv...llagh.apps.googleuser |
| strGoogleClientSecret | QUgOr3m7V5...V4L2ea |
| strGoogleMapEndpoint | https://maps.googleapis.com/maps/api/directions/xml |
| strWeatherAPIEndpoint | http://api.openweathermap.org/data/2.5/forecast |

This is the inputs for the Automation.