Google Map API Key Setup Guide

1. Google Map API Key Setup

The admin can configure '**Google Map API key**' keys from **System Settings > General Settings > Third Party API.**


Google Map API

Google Map API Key	

This Is The Google Map API Key Used To Get User's Current Location.

Fig. 1.1: Google Analytics Settings (Admin-end)

To collect these keys, the admin must follow the steps provided below:

1. The admin must login into their gmail account by entering their gmail ID and password. If the admin does not have a gmail account, they must first complete their Sign Up process.
2. Once logged into their gmail account, the admin must visit https://console.developers.google.com/. As shown in figure 1.2, the dashboard will open on the screen.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.
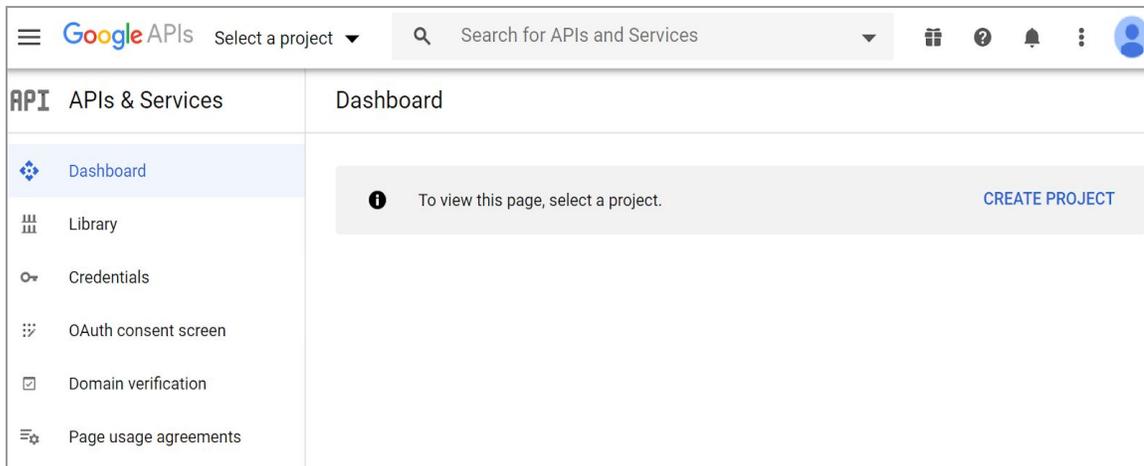
Fig. 1.2: Dashboard

3. On the dashboard, the admin must click on '**Select a Project**' drop-down provided on the top-navigation panel. If no project has been created as shown in figure 1.3, click on the '**New Project**' button provided on the top-right corner.
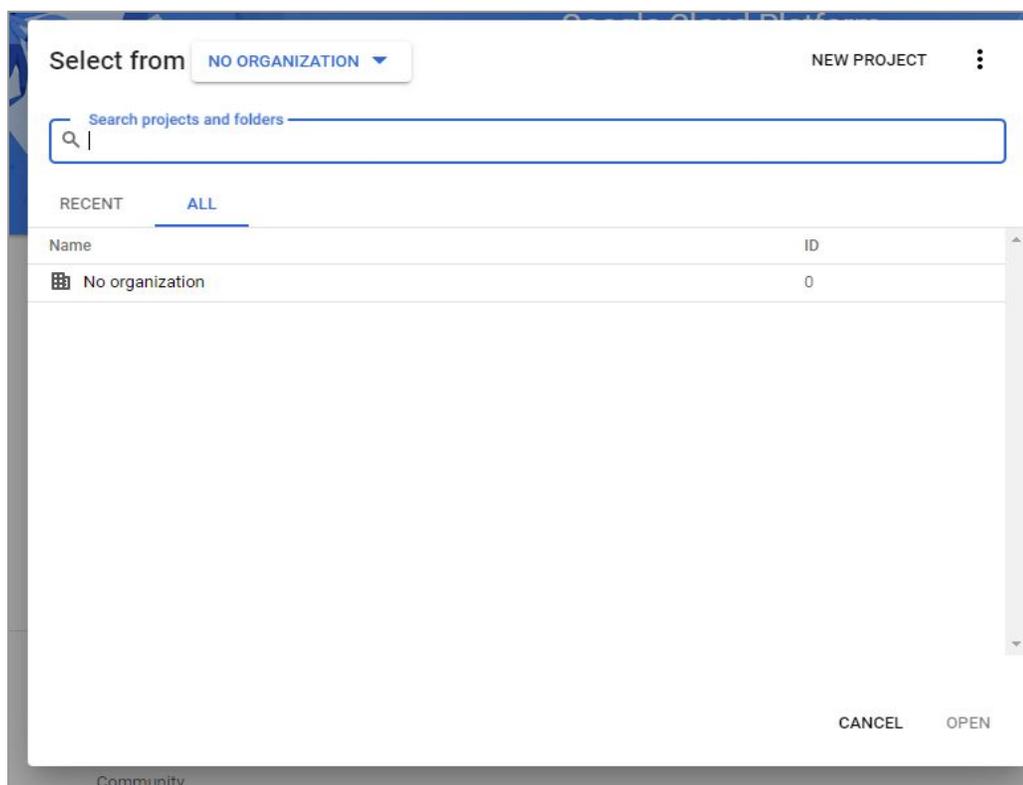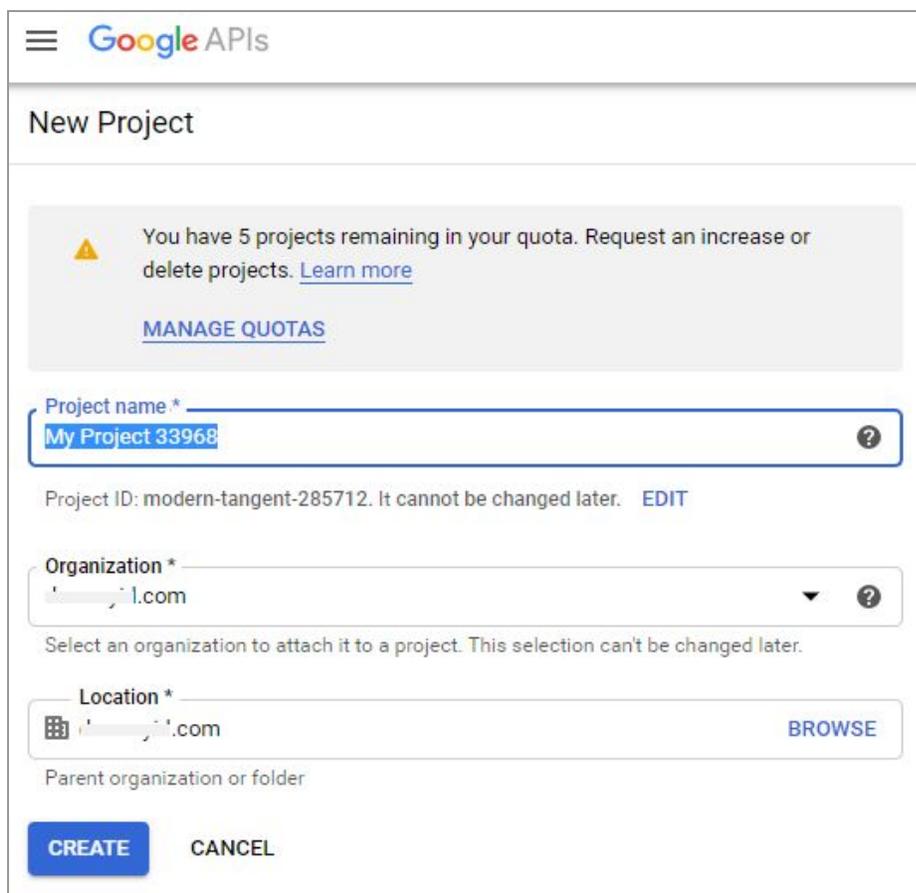

Fig. 1.3: Select a Project

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.

4. A '**New Project**' form will appear as shown in figure 1.4. Admin must:

- **Project Name*:** Enter a unique project name.
- **Organization*:** Select the organization to which the new project is to be attached. This select cannot be changed later.
- **Location*:** Enter the link of the parent organization or folder.

Fig. 1.4: Create New Project Form

Once the input fields have been entered, the admin must click on '**Create**' to add the new project.

5. Now, select the project under which the API key is to be generated, from the '**Select a Project**' box provided on the top as shown in the figure 1.5 below.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.
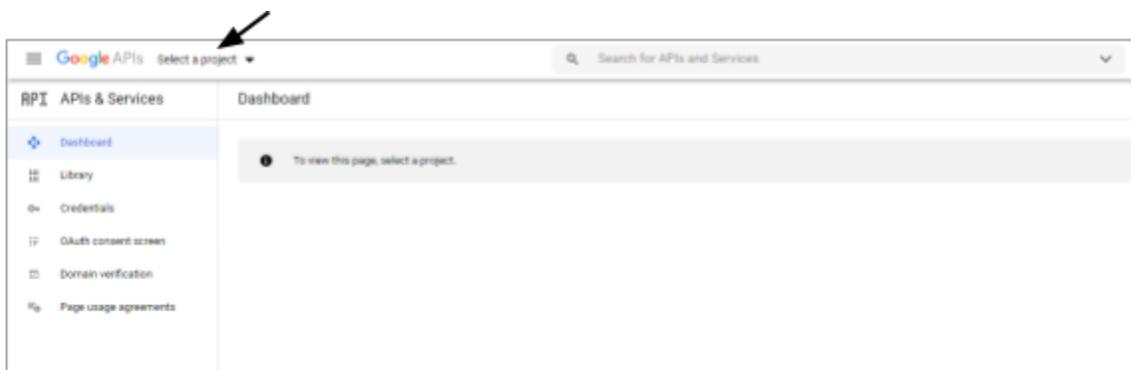
Fig. 1.5: Select a Project

6. Once the project is selected, click on the '**Credentials**' from the side navigation list which will open the Credentials page. Click on the '**Create Credentials**' button provided on this top of this page as marked in figure 1.6.
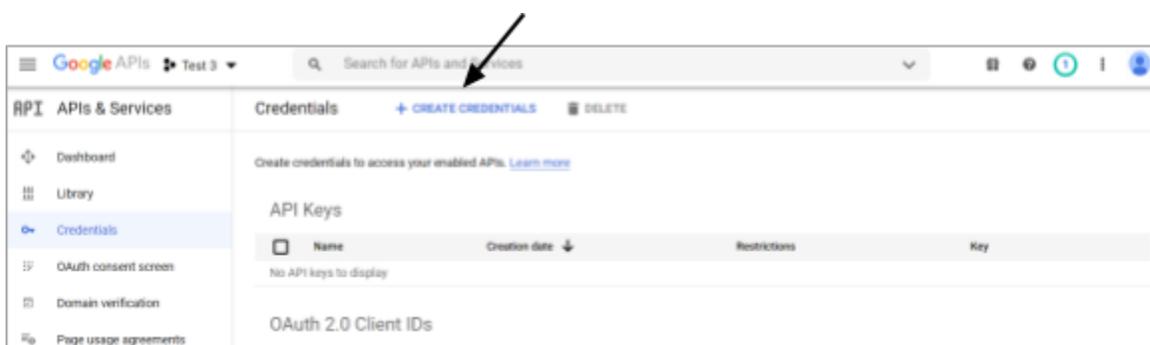

Fig. 1.6: Create Credentials

A drop-down list will be displayed as shown in the figure 1.7 below from which the admin must select the '**API Key**'.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.
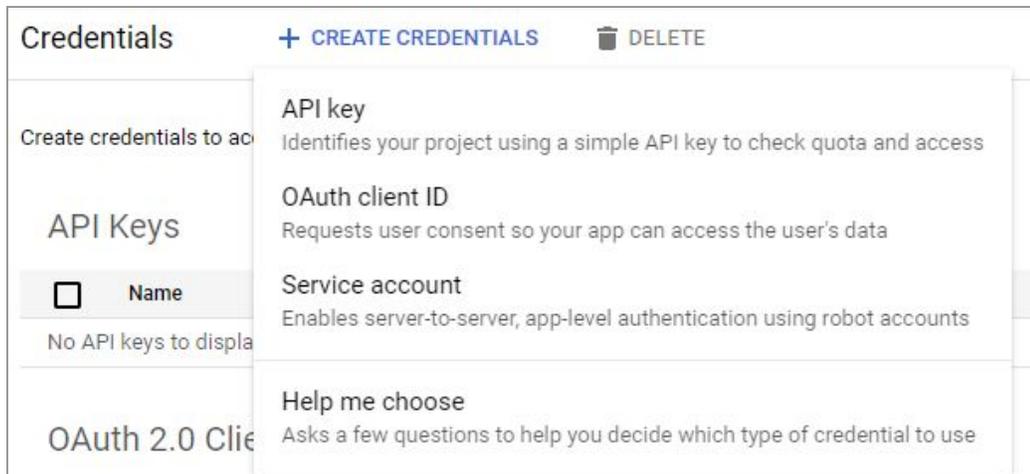
Fig. 1.7: Create Credentials

7. The API key will be displayed in the pop-up as shown below. The admin must copy the key and paste it in the '**Google Map API Key**' input field provided on their panel (Figure 1.1).
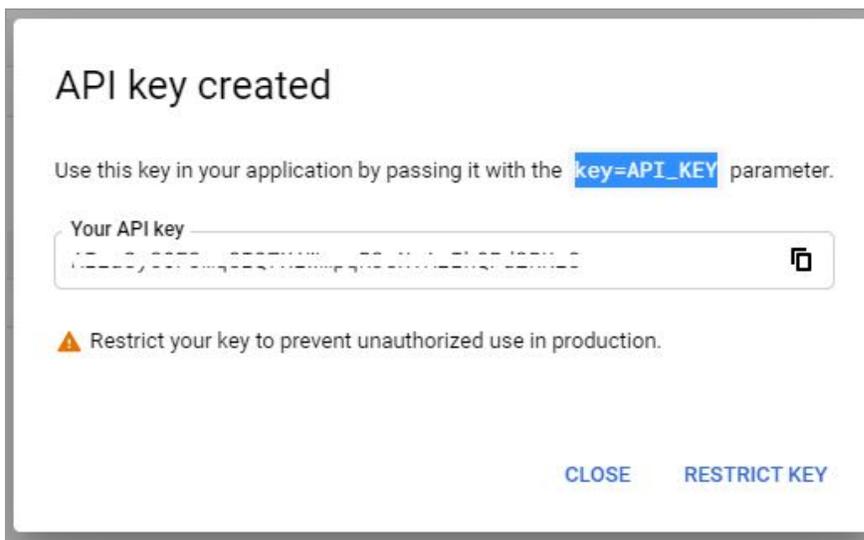
Fig. 1.8: API Key Created

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.
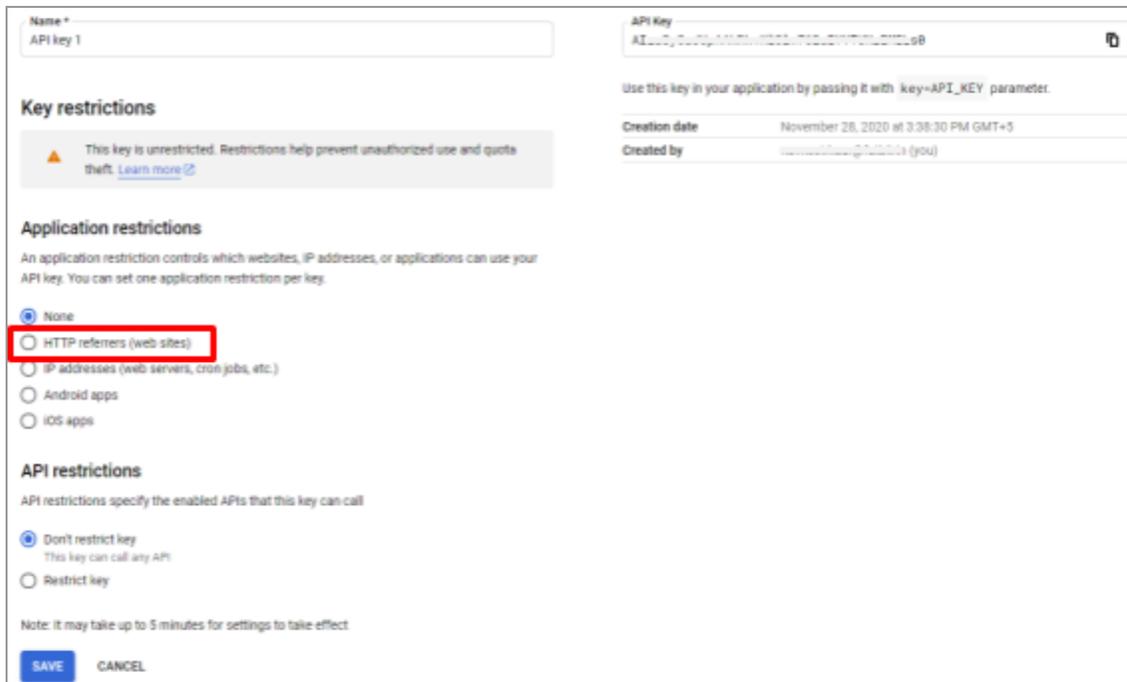
8. On closing the pop-up, this key will later be displayed on the **Credentials** page under the '**API keys**' section. Click on the '**Edit**' icon provided to the right of the newly created API key.
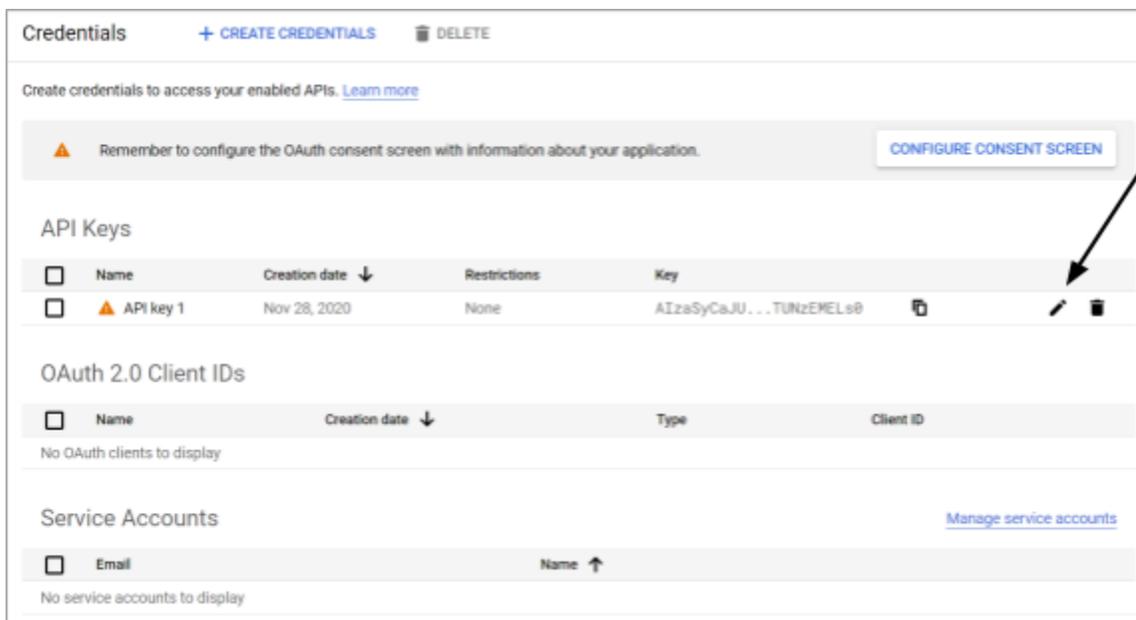
Fig. 1.9: Add Redirect URIs

9. The admin will be redirected to the '**Restrict and Rename API key**' page. Under the '**Application Restrictions**' section, select the '**HTTP referrers (web sites)**' option.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.

Fig. 1.10: Application Restrictions

10. The '**Website Restrictions**' section will be displayed as shown in figure 1.11. The admin must enter their **website URL**.

Fig. 1.11: Add Redirect URIs

Click on the '**Save**' button to complete the configuration process.

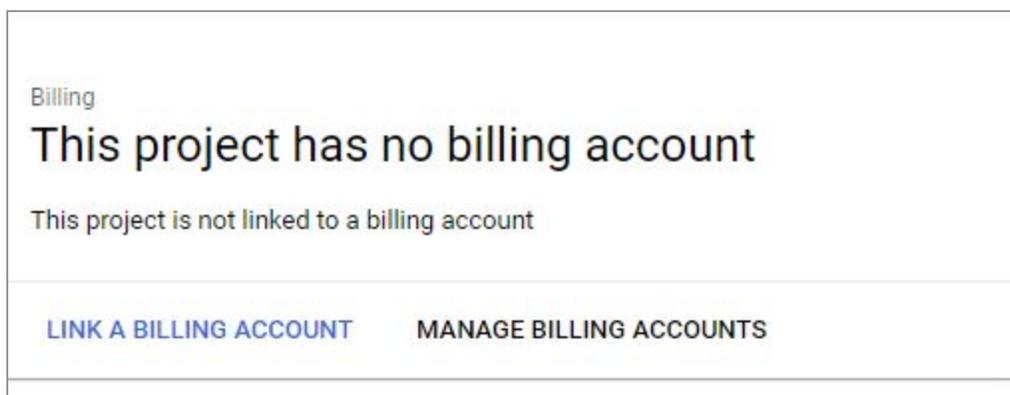## 2. Add or Link a Billing Account

1. Go to '**Billing**' from the side-navigation bar as shown in the figure 2.1 below.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.
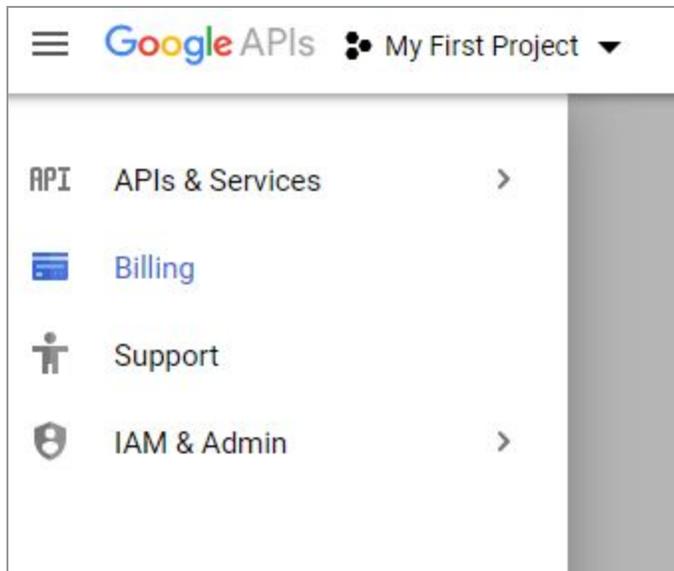
Fig. 2.1: Google APIs Dashboard Page

2. This page will display the message shown in the figure 2.2 below if there is no billing account linked with the currently open project.

Fig. 2.2: Billing Account

Follow the steps as per the instructions to add a new billing account or link an already added billing account.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.

3. Enable Library Applications

To activate geolocation on the system, please follow the steps provided below.

1. Make sure to proceed with the right project from the '**Select a project**' drop-down on the dashboard (marked in figure 3.1).
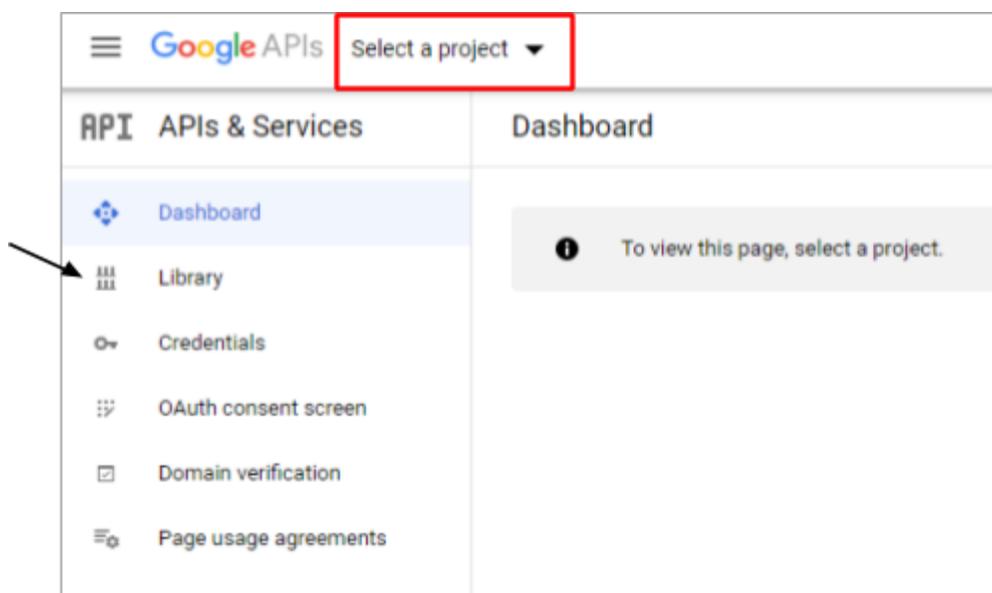2. Click on the '**Library**' from the side-navigation bar as shown in the figure 3.1 below.
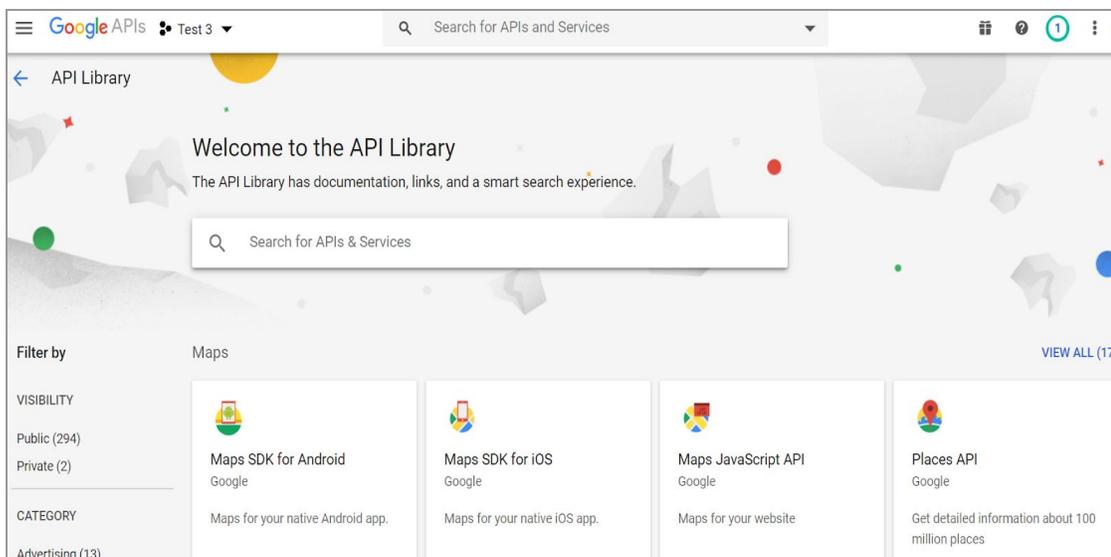

Fig. 3.1: Google APIs Dashboard Page

3. The API library page will open as shown in the figure 3.2 below.

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.

Fig. 3.2: 'Welcome to the API Library' Page

4. Admin needs to enable the following **four services** from the the library:

❖ **Maps JavaScript API: Enter this service name in the search bar and open this service page. Click on the 'Enable' button.**

Fig. 3.3: Maps JavaScript API

❖ **Places API:** Enter this service name in the search bar and open this service page. Click on the '**Enable**' button.
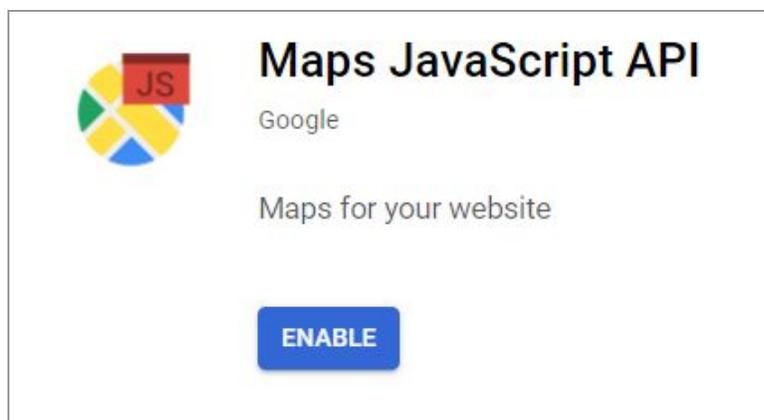
NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.
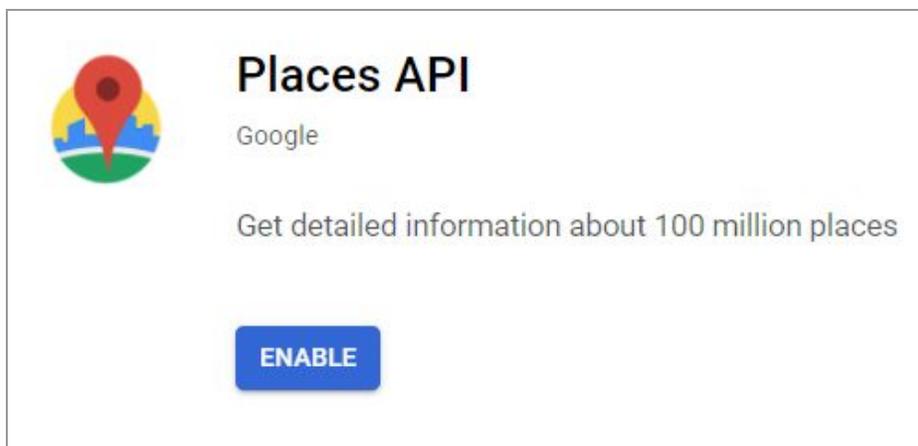
Fig. 3.4: Places API

❖ **Geocoding API: Enter this service name in the search bar and open this service page. Click on the 'Enable' button. Please note that it is a paid service library.**

Fig. 3.5: Geocoding API

❖ **Maps Static API: Enter this service name in the search bar and open this service page. Click on the 'Enable' button. Please note that it is a paid service library.**
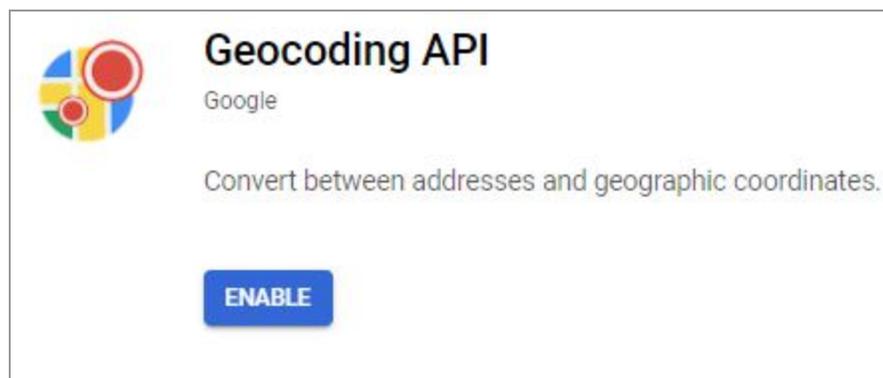
NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'. Asterisk (*****) next to a form control's label indicates it as 'required'.

Fig. 3.6: Geocoding API

--XX--

NB: Nota Bene [Note Well] (N.B., N.b., n.b or NB, Nb, nb) is a Latin phrase, meaning 'note well' or 'take notice' or 'please note'.

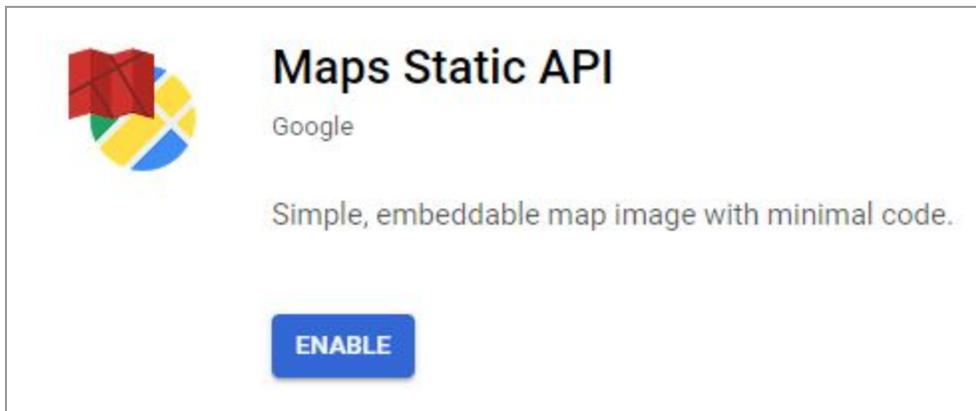Asterisk (*****) next to a form control's label indicates it as 'required'.