

Submitted By: Rabi Gorkhali

Assignment on Google Calendar Integration

Submitted to: Intuji Tech

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Introduction

This is an assignment provided by Injuti Tech for a powerful PHP project designed to seamlessly connect with Google Calendar! Our goal is to provide users with a convenient tool that allows them to manage their events effortlessly. With this plugin, anyone can connect their Google Calendar account and perform essential actions like listing, creating, and deleting events directly from their calendar. The core features of our project include:

- List Events: View all upcoming events from your Google Calendar at a glance.
- Create Events: Easily add new events to your calendar without leaving the plugin.
- Delete Events: Remove unwanted events with a simple click, keeping your calendar organized.

Installation

Project Requirements

Php: 8.2

Composer 2.3.7

How to install

- Clone the repository:
 - “git clone <https://github.com/rabigorkhali/intuji-assignment> . “
- Switch to main branch:
 - “git checkout main”
- Hit command:
 - “composer install”
- Serve the project “php -S localhost:8006”. Use port 8006 only, serving in another port wont work for now because we have to allow a callback url in <https://console.cloud.google.com> for authentication.
- Access the project
 - “<http://localhost:8006>”

Handbook

Go to the url

Local: <http://localhost:8006>

Please keep port and url same as <http://localhost:8006>, because we have to allow callback urls in google console and currently the above url is only permitted in google console. Beside the above url no url will work. To change the url we will have to go to google console and submit the desired url.

For testing we can use this following emails instead of private email. If private emails show the issues please try with given account details.

Username: intujirabigorkhali@gmail.com

Password: [intujiisawesome](#)

Video Demo:

https://drive.google.com/file/d/1nZhIMcOWnO3n2k7UWxOHrK8aqXq2ZePw/view?usp=share_link

Note: Since it's only for testing, the page might crash sometime. In that case, logout gmail, close the browser and serve it again. If there is still an issue then try again after a few minutes.

- After going to the url(<http://localhost:8006>). You will see this dashboard.

Google Calendar Integration

Connect Calendar

Alert!!!: You are not connected to google calendar. Please click 'Connect Calendar' in top right corner.

Events

10 entries per page

Search:

| SN | Action | Event Name | StartDate | End Date | Event ID |
|----------------------------|--------|------------|-----------|----------|----------|
| No data available in table | | | | | |

Showing 0 to 0 of 0 entries

« < > »

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Fig: 1

Now click the “Connect Calendar” button in the top right corner.

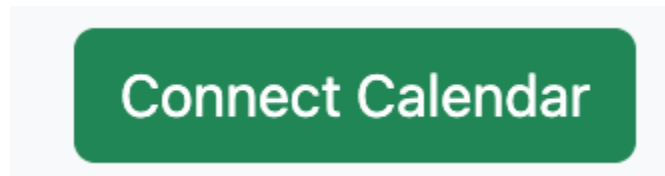


Fig: 2

After clicking the “Connect Calendar”(fig:2) button, you will be redirected to google login(fig:3) and then give the requested permission(fig:4).

If you are already logged in you can just select the gmail account listed else you will be asked to login with your valid credentials.

Click “Advance” to show redirect url in figure 2.1 and click “Go to {{someurl}} (unsafe)” as shown in figure 4 to redirect to next step



Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer (intujirabigorkhali@gmail.com) verifies this app with Google, you shouldn't use it.

Advanced

BACK TO SAFETY

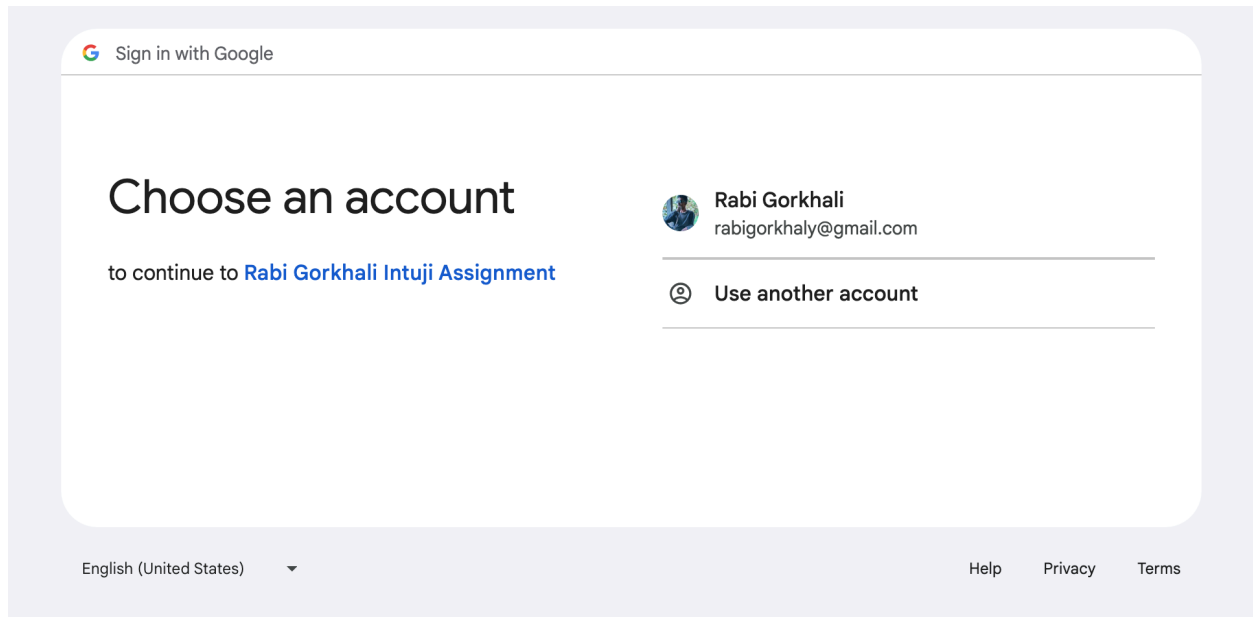


Fig: 3



Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer (rabigorkhaly@gmail.com) verifies this app with Google, you shouldn't use it.

[Hide Advanced](#)

[BACK TO SAFETY](#)

Continue only if you understand the risks and trust the developer (rabigorkhaly@gmail.com).

[Go to rabigorkhali.com.np](http://rabigorkhali.com.np) (unsafe)

Fig:4

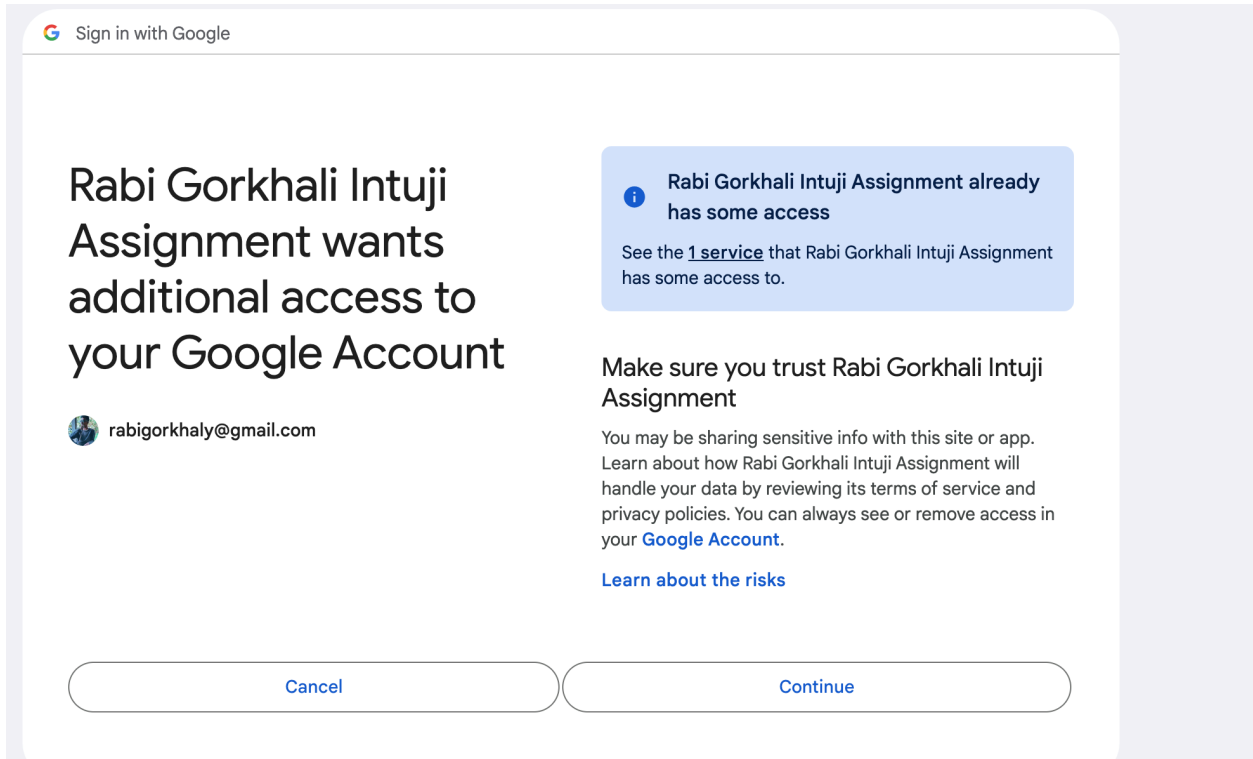


Fig: 5

Event List

After successful login. You will see dashboard with events list and “disconnect button”

| Google Calendar Integration | | | | | | Disconnect Calendar |
|--|--------|--------------|---------------------------|---------------------------|--|---------------------|
| Events | | | | | | Add Event |
| 10 entries per page | | Search: | | | | |
| SN | Action | Event Name | StartDate | End Date | Event ID | |
| 6 | Delete | Holi Event | 2024-04-27T11:09:00+05:45 | 2024-04-27T11:09:00+05:45 | lebk29afqthhhderra9mu8g2io | |
| 7 | Delete | Concert 2025 | 2024-04-27T11:10:00+05:45 | 2024-04-27T11:10:00+05:45 | 7cr2eta06h4kma413abbvpufik | |
| 5 | Delete | | | | 6t8n0jvs7u8p7hr0cp0egq3eu0_R20210120T090 | |
| 4 | Delete | | | | 6t8n0jvs7u8p7hr0cp0egq3eu0_R20210118T090 | |
| 3 | Delete | | | | 6t8n0jvs7u8p7hr0cp0egq3eu0_R20210115T090 | |
| 2 | Delete | | | | 6t8n0jvs7u8p7hr0cp0egq3eu0_20210115T0900 | |
| 1 | Delete | | | | 6t8n0jvs7u8p7hr0cp0egq3eu0 | |
| Showing 1 to 7 of 7 entries | | | | | | « < 1 > » |
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Fig: 6

Create Event

Click the “Add Event” button and the following modal will popup. Insert the details and click ‘Create’ button.

The screenshot shows the 'Add Event' modal in the Google Calendar Integration interface. The modal is a white box with a close button (X) in the top right corner. It contains three input fields: 'Event Name' with the value 'New Year 2081', 'Event Start Date' with the value '05/02/2024, 11:12 AM', and 'Event End Date' with the value '05/11/2024, 11:12 AM'. At the bottom of the modal are two buttons: 'Close' and 'Create'. In the background, a table of events is visible with columns for SN, Action, Event Name, Start Date, and Event ID. The table has 7 rows of data. A search bar and an 'Add Event' button are also visible in the background interface.

| SN | Action | Event Name | Start Date | Event ID |
|----|--------|--------------|------------|--|
| 6 | Delete | Holi Event | 2024-04 | 6k29afqthhhderra9mu8g2io |
| 7 | Delete | Concert 2025 | 2024-04 | 6r2eta06h4kma413abbvpufik |
| 5 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_R20210120T090 |
| 4 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_R20210118T090 |
| 3 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_R20210115T090 |
| 2 | Delete | | | 6t8n0jvs7u8p7hr0cp0egq3eu0_20210115T0900 |
| 1 | Delete | | | 6t8n0jvs7u8p7hr0cp0egq3eu0 |

Fig: 7

You will get a successful message once, event is created.

The screenshot shows the 'Success' message modal in the Google Calendar Integration interface. The modal is a white box with a green checkmark icon at the top. Below the icon, the text 'Success' is displayed in bold, followed by 'Event create successful.' and an 'OK' button. In the background, the same table of events from Figure 7 is visible, but the 'Add Event' modal is no longer present. A search bar and an 'Add Event' button are also visible in the background interface.

| SN | Action | Event Name | Start Date | Event ID |
|----|--------|--------------|------------|--|
| 1 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0 |
| 2 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_20210115T0900 |
| 3 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_R20210115T090 |
| 4 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_R20210118T090 |
| 5 | Delete | | | 6n0jvs7u8p7hr0cp0egq3eu0_R20210120T090 |
| 6 | Delete | Holi Event | 2024-04 | 6k29afqthhhderra9mu8g2io |
| 7 | Delete | Concert 2025 | 2024-04 | 6r2eta06h4kma413abbvpufik |

Fig:8

After successful creation, you can see the event in the list(fig:9) and also in google calendar(fig:10).

Google Calendar IntegrationDisconnect Calendar

EventsAdd Event

10 entries per pageSearch:

| SN | Action | Event Name | StartDate | End Date | Event ID |
|----|--------|---------------|---------------------------|---------------------------|----------------------------|
| 8 | Delete | New Year 2081 | 2024-05-02T11:12:00+05:45 | 2024-05-11T11:12:00+05:45 | hnojhaqdk7o9ct3jj13injc0ns |
| 6 | Delete | Holi Event | 2024-04-27T11:09:00+05:45 | 2024-04-27T11:09:00+05:45 | lebk29afqthhhderra9mu8g2io |
| 7 | Delete | Concert 2025 | 2024-04-27T11:10:00+05:45 | 2024-04-27T11:10:00+05:45 | 7cr2eta06h4kma413abbypufik |

Fig:9

Today< > May 2024MonthCalendar Icons

| | | | | | | |
|--------------------|-----------|-----------|----------------------------------|-----------------------------------|----------|----------|
| SUN 28 | MON 29 | TUE 30 | WED May 1 12:13am Assignme | THU 2 11:12am New Year 2081 | FRI 3 | SAT 4 |
| 5 New Year 2081 | 6 | 7 | 8 | 9 | 10 | 11 |

Fig:10

Delete Event

Click Delete button, modal pop will be show up like fig:11

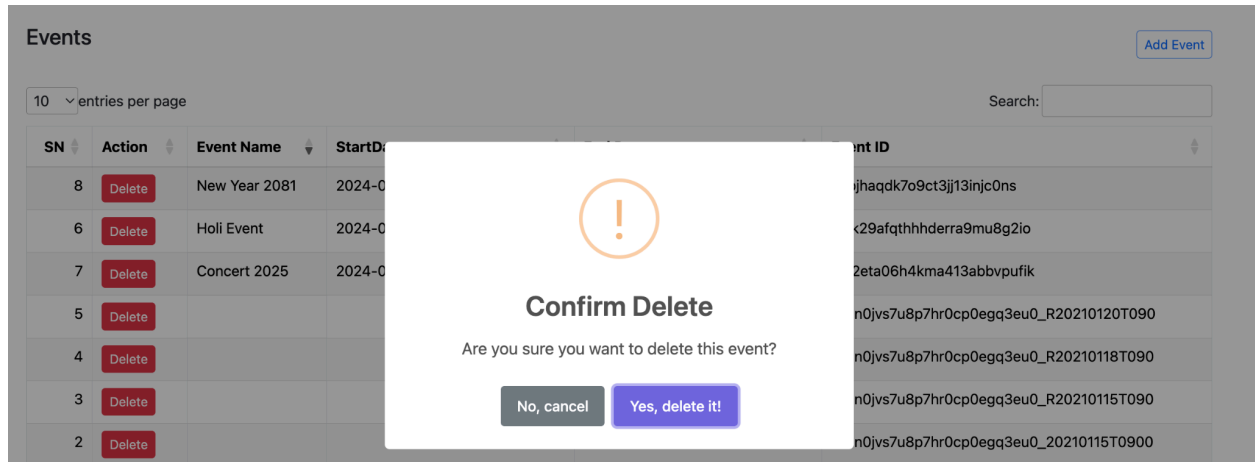


Fig: 11

The event will be deleted as shown in fig:12 and also from google calendar like in fig:13

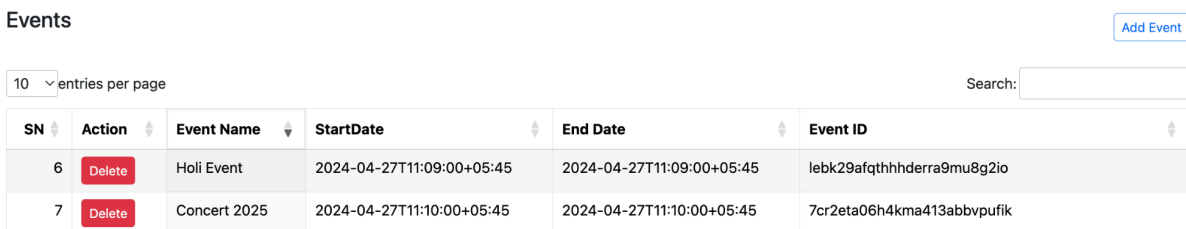


Fig:12

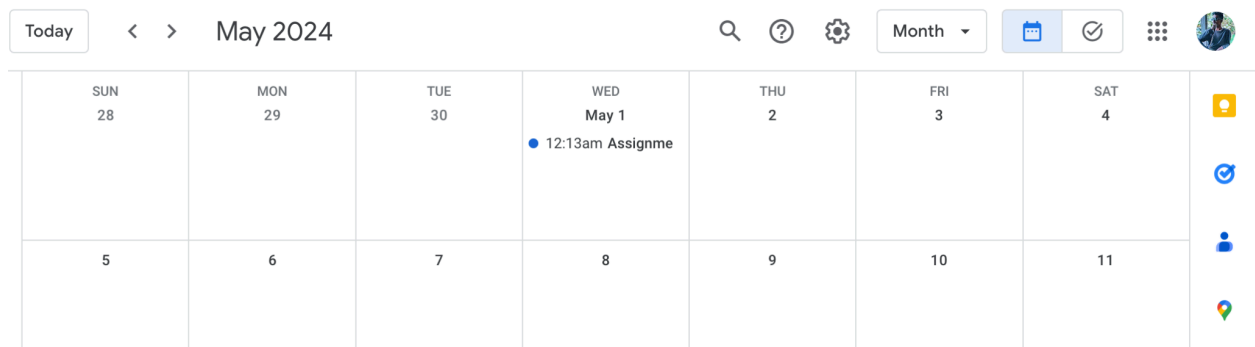


Fig: 13

THANKS