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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.

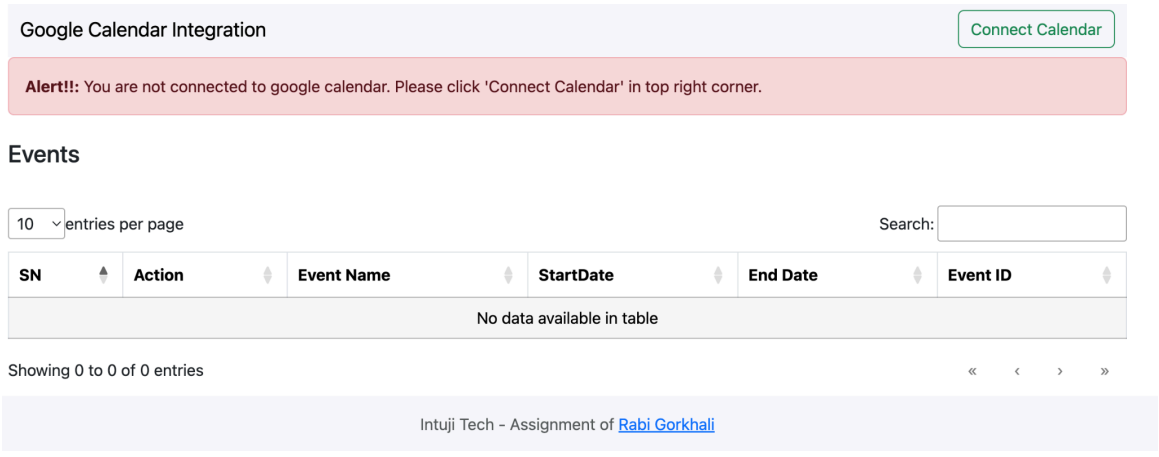


Fig: 1

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

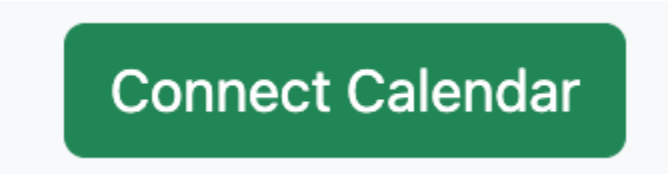
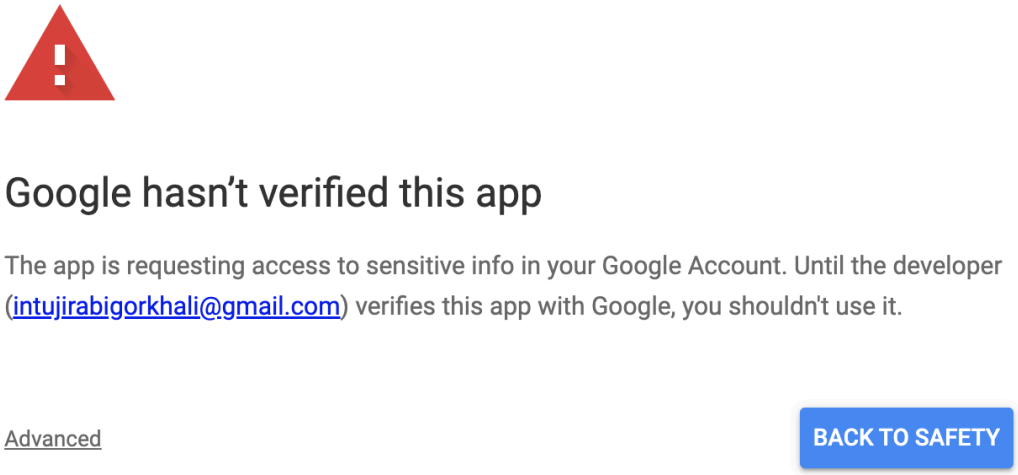


Fig: 2

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



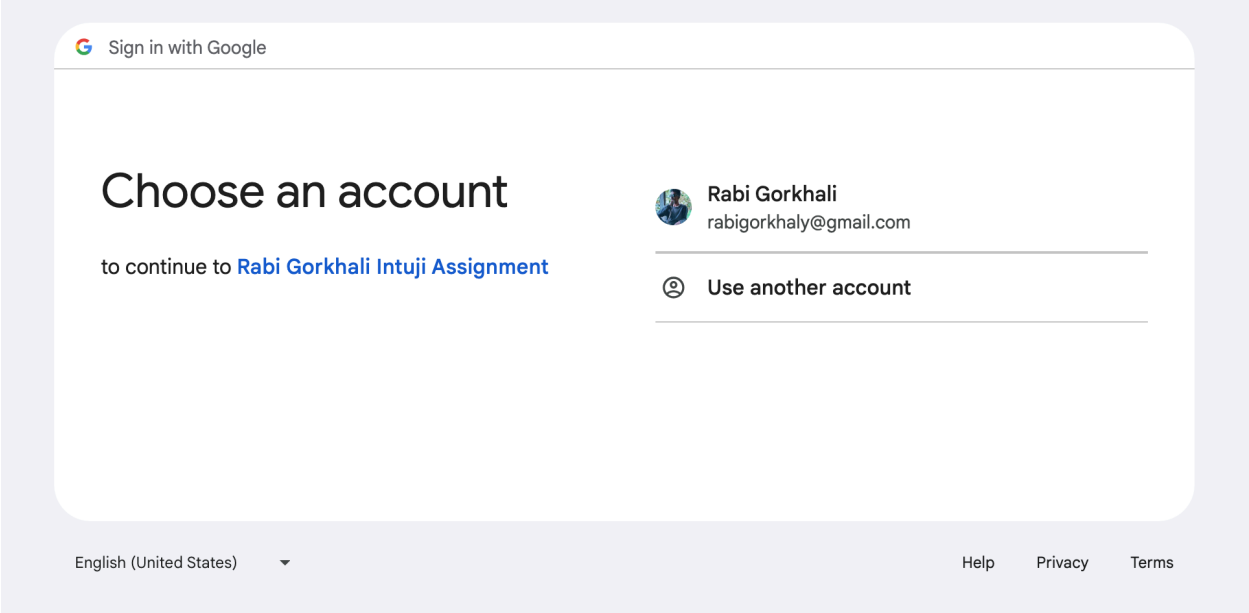

Sign in with Google
Choose an account
to continue to Rabi Gorkhali Intuji Assignment
Rabi Gorkhali
rabigorkhaly@gmail.com
Use another account
English (United States)
Help
Privacy
Terms

Fig: 3

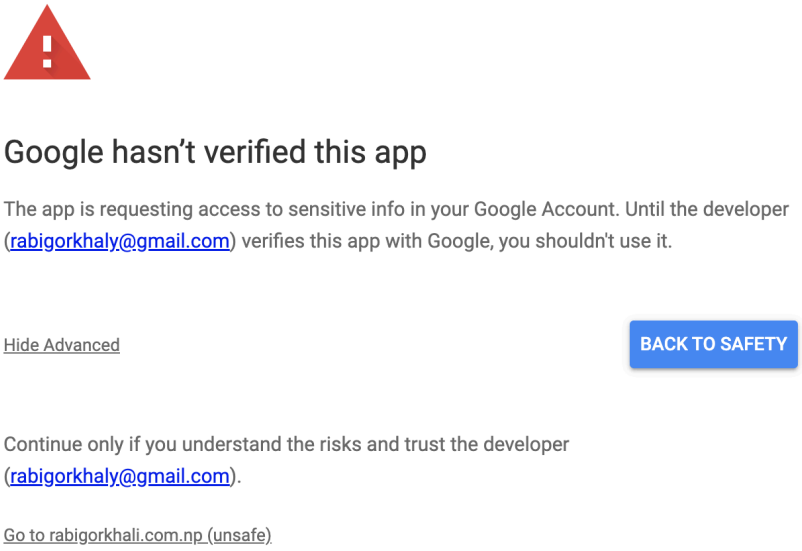

Google hasn't verified this app
The app is requesting access to sensitive info in your Google Account. Until the developer (rabigorkhaly@gmail.com) verifies this app with Google, you shouldn't use it.
Hide Advanced
BACK TO SAFETY
Continue only if you understand the risks and trust the developer (rabigorkhaly@gmail.com).
Go to rabigorkhali.com.np (unsafe)

Fig:4

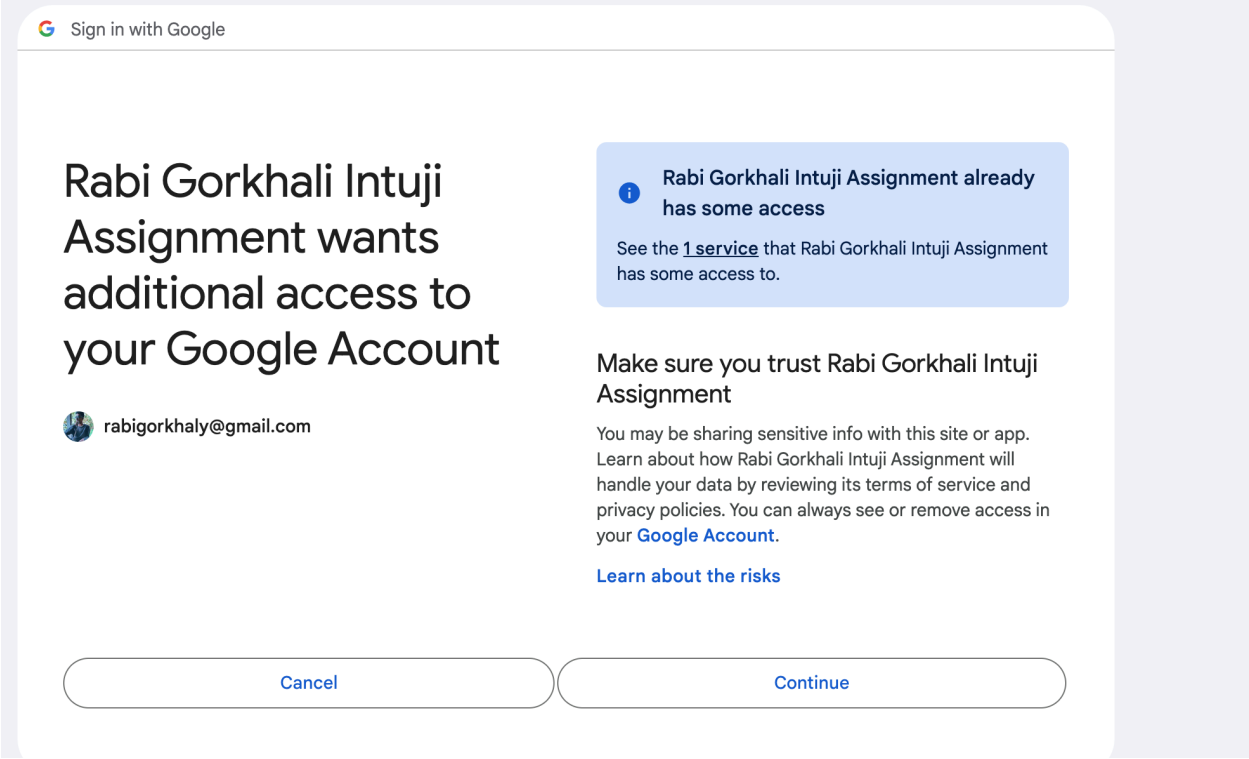


Fig: 5

Event List

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

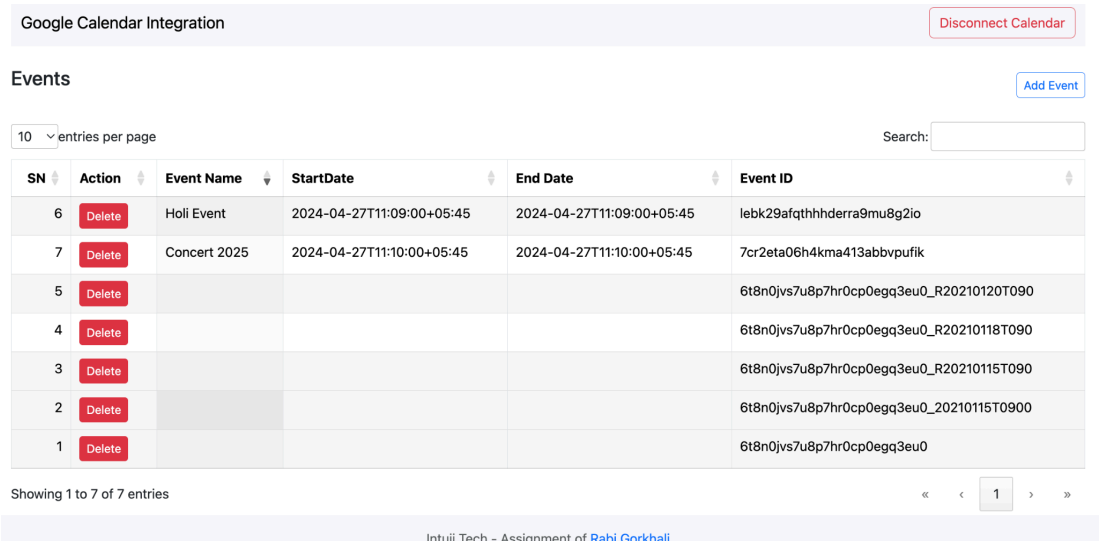


Fig: 6

Create Event

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

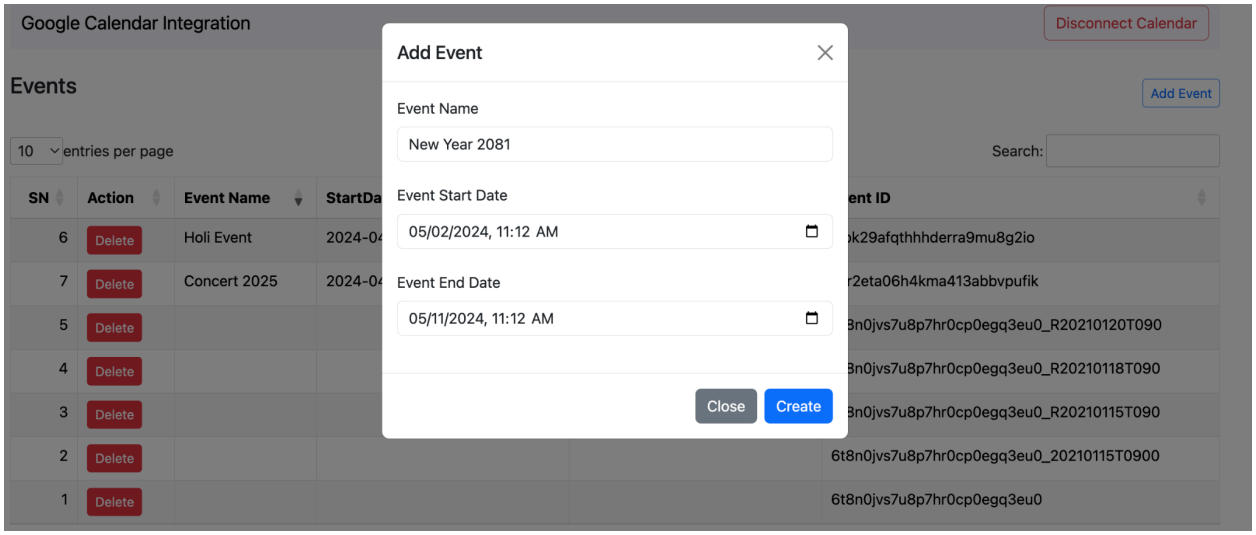


Fig: 7

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

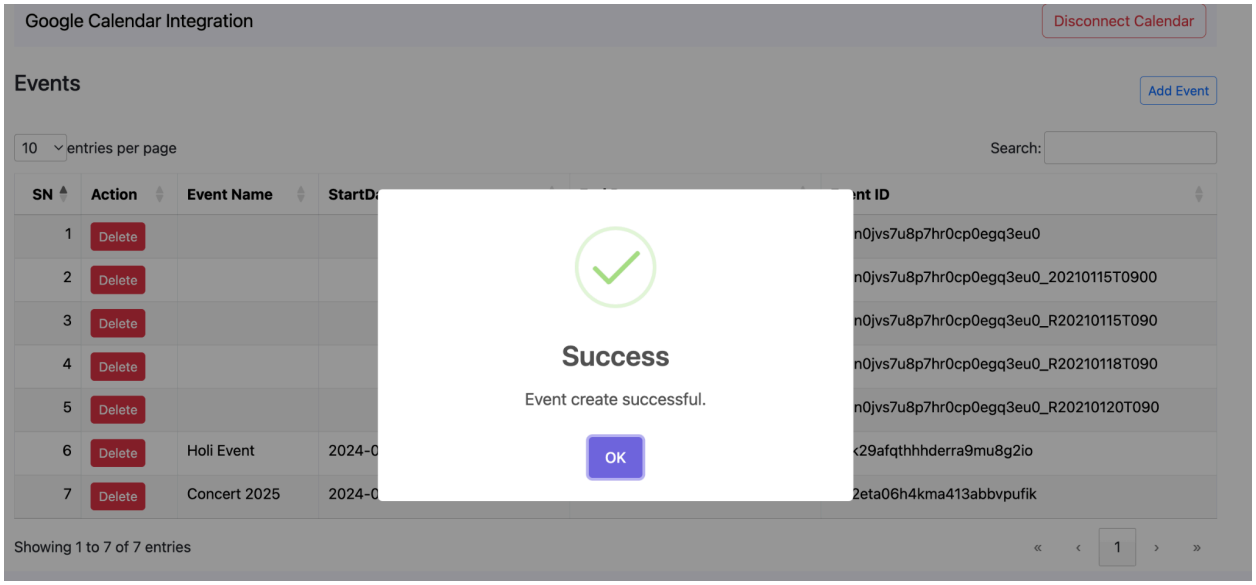


Fig:8

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

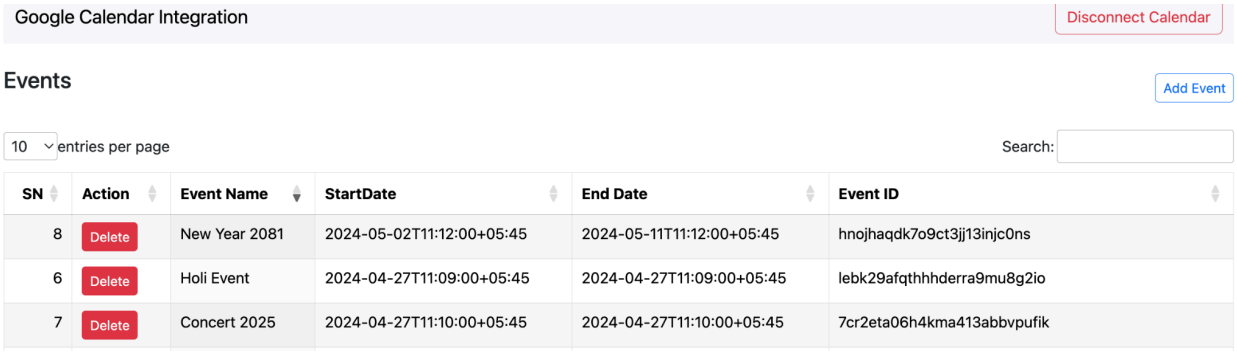


Fig:9

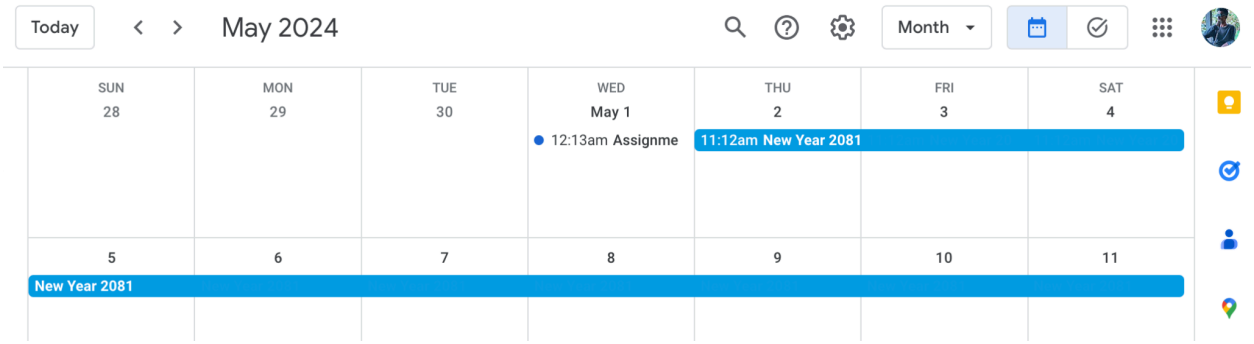


Fig:10

Delete Event

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

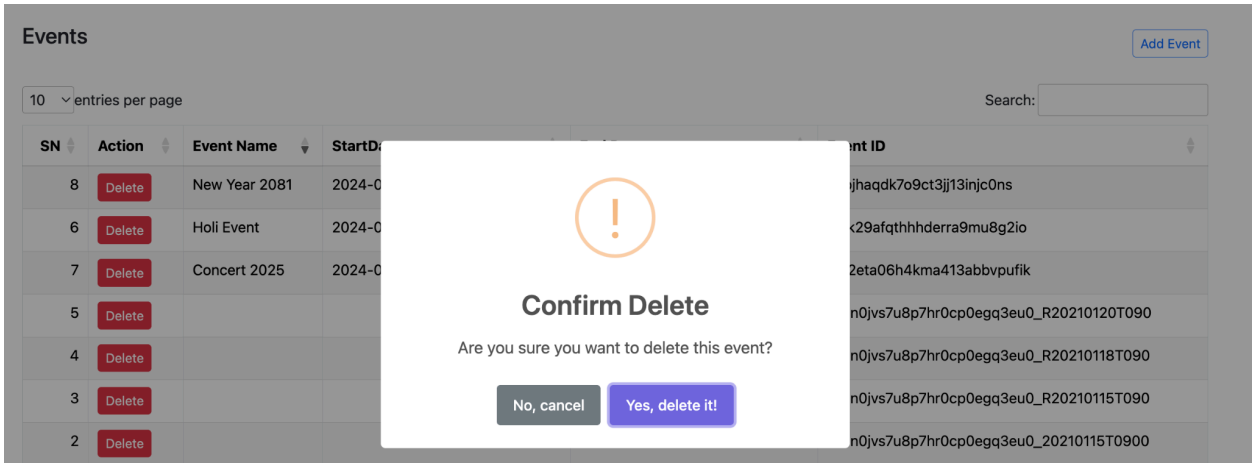


Fig: 11

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

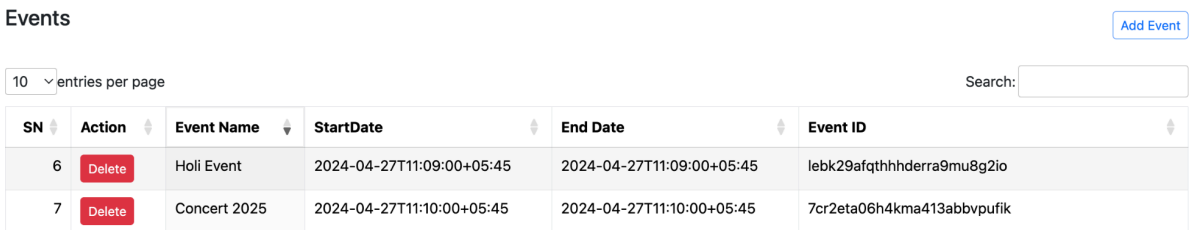


Fig:12

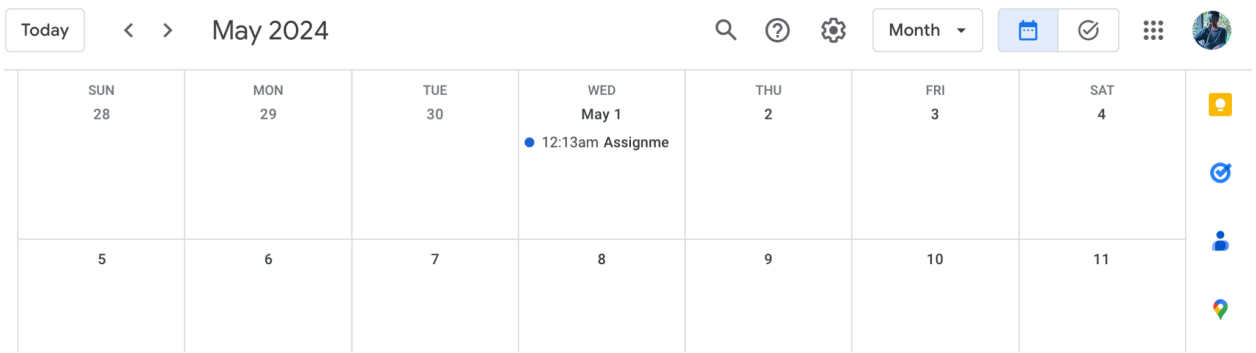


Fig: 13

THANKS