



# CONVIN

## Convin Assignment

**Please read carefully.**

- You need to submit the assignment within 48 hours of receiving it.
- The assignment needs to be submitted on [techhr@convin.ai](mailto:techhr@convin.ai)
- In the mail kindly mention “Backend Intern Task”
- Also send your resume & portfolio along with the assignment.
  - We will revert back with the result within 15-20 days.
  - Any sort of further communication can be done over the above mentioned mail.
- Kindly revert back with the doubts and queries(if any) on [techhr@convin.ai](mailto:techhr@convin.ai)
- If you have already submitted the assignment in the past 6 months, you can skip this.

**Problem:** In this assignment you have to implement google calendar integration using django rest api. You need to use the **OAuth2** mechanism to get users calendar access. Below are detail of API endpoint and corresponding views which you need to implement

`/rest/v1/calendar/init/` -> `GoogleCalendarInitView()`

This view should start step 1 of the OAuth. Which will prompt user for his/her credentials

`/rest/v1/calendar/redirect/` -> `GoogleCalendarRedirectView()`

This view will do two things

1. Handle redirect request sent by google with code for token. You need to implement mechanism to get `access_token` from given code
2. Once got the `access_token` get list of events in users calendar

**You need to write the code in Django. You are not supposed to use any**

existing third-party library other than google's provided standard libraries

*The submission should be shared as a public [repl.it](#) environment & also as a Github repo (we need both - you can use repl.it's 'Version Control' feature to sync to github)*

Looking forward to your submission. Have a great day

Thank You