1. Git syncing and DAG publishing

* Webhook can be configured in github.
* Go to the repository -> settings -> webhooks -> add webhook
* Add the URL and select “just the push event”
* Click on Add webhook.

A screenshot of a computer

Description automatically generated with medium confidence

* A simple service should be hosted (and given a public IP) with the provided URL to clone the repository / pull the changes of the branch and place it in the correct directory.
* Maintaining a requirement.txt for 3rd party libraries in the project and executing it with the command pip install -r requirement.txt would install the dependencies.
* The parameter DAG\_DIRECTORY in the airflow.cfg should be set with the path where the where dags exist.
* All the new dags that store in the above location will be automatically loaded to the UI. (The webserver and the schedular run as deamons in the server)