**Git version control**

**Explain in detail the git version control system explaining why and when we use it and all the related terms**

**Why we use:**

In an environment where people work together for the same purpose, Git becomes a well known tool that developers can use to handle changes to their codes with ease. Given that it is a distributed system, every participant in this project will not only have access to the complete history of all its files but also flexibility is enhanced particularly during offline or remote-related tasks.

**When we use:**

In any project development, and we want to keeping track of changes, managing multiple versions of code, and collaborating seamlessly across teams is very important.

**Terms:**

* Commit
* Repository / repo
* Working Directory
* Pull
* Push
* clone
* Staging Area
* Local Repositry
* Remote
* Branch
* Conflict
* Tag
* Checkout
* Head
* Origin
* Master
* Merge