What is a version control system?

⇨ Version control, also known as source control, is the practice of tracking and managing changes to software code.

Why did a version control system develop? What were the necessities?

⇨ Version control systems allow multiple developers, designers, and team members to work together on the same project. It helps them work smarter and faster! A version control system is critical to ensure everyone has access to the latest code and modifications are tracked.

Define the different types of version control systems.

⇨ The two most popular types are centralized and distributed. Centralized version control systems store all the files in a central repository, while distributed version control systems store files across multiple repositories.

What is Git?

⇨ Git is a DevOps tool used for source code management.

List a few features of Git

⇨ Tracks history.
⇨ Free and open source.
⇨ Supports non-linear development.
⇨ Creates backups.
⇨ Scalable.
⇨ Supports collaboration.
⇨ Branching is easier.
⇨ Distributed development.