How Git Helps Developers Collaborate Over the Internet

1. Each developer works independently

   Everyone can make their own local copy of the project (called a clone) and work on it without affecting others.

2. Tracks all changes made to the code

   Git keeps a full history of changes. You can always go back to an earlier version if something breaks.

3. Makes teamwork easy using branches

   Developers can work on different features or bugs on separate branches. This way, they don't interfere with each other's work.

4. Combines everyone's work safely

   Once a feature is ready, it can be merged into the main codebase using pull requests. Git helps avoid conflicts and errors.

5. Works with platforms like GitHub

   GitHub, GitLab, and Bitbucket are online platforms where Git projects are hosted. They let teams collaborate from anywhere.

6. Helpful for open-source contributions

   Anyone on the internet can fork a public project, improve it, and suggest changes - this is how open-source projects grow.

7. Great for teamwork and project management

   Git makes it easy to divide tasks, track progress, and know who did what. It is very useful for managing big software projects.