

GitHub

What is GitHub



GitHub is a cloud-based platform



Allows developers to store, manage and share code using Git



Where developers worldwide can share open-source projects

What's the Difference?

GitHub

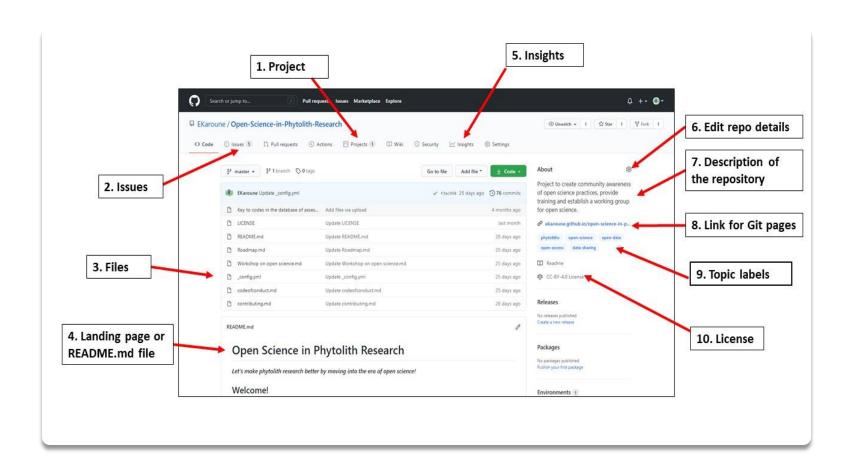
- Cloud-based
- Hosts repositories online, code sharing is easy
- Project management
- Allows you to control who can view or contribute
- Is a central place for finding and contributing to code

Git

- Git is a version control system, which operates on your computer
- Manual sharing of code
- Only provides the functions mentioned before
- Access control and permissions need to be configured separately
- Used for individuals and can be set up for teams.

Features of GitHub

- Repositories
- Forks
- Pull Requests
- Issues



Workflow Tools

Branches on GitHub

Pull Requests GitHub Actions

GitHub Pages

- Let's users host websites directly from a GitHub repo
 - Popular for personal projects

Security and Commit History

GitHub permissions and access

Commit History and Code Review

Tips and Tricks

Markdown (readMe) GitHub
Desktop
and CLI

Lastly,

By integrating these features, developers can improve their coding practices, contribute to meaningful projects, and engage in collaboration.

