

GitHub Quick Action Plan & Concepts Guide

Quick Action Plan

1. Create a GitHub account at <https://github.com>.
2. Install Git on your computer.
3. Create a new repository on GitHub (with README).
4. Open your project folder and initialize Git with: `git init`.
5. Connect local folder to GitHub with: `git remote add origin .`
6. Stage changes with: `git add .`
7. Commit changes with: `git commit -m 'message'`.
8. Push to GitHub with: `git push origin main`.
9. Pull updates from GitHub with: `git pull origin main`.
10. Repeat steps 6–8 as you keep updating your project.

Key Git & GitHub Concepts

Concept	Meaning
Repository (repo)	A project folder stored on GitHub or locally.
Clone	Download a GitHub repo to your computer.
Fork	Copy someone else's repo into your account.
Commit	A saved snapshot of your project with a message.
Branch	A separate line of development (default is 'main').
Merge	Combine changes from one branch into another.
Push	Upload your local commits to GitHub.
Pull	Download changes from GitHub to your local repo.
Remote	The GitHub version of your repo (linked to local).
README.md	A markdown file describing your project.
.gitignore	File listing what Git should ignore (e.g., secrets).