

☁️ **GitHub as a Cloud-Based Code Repository**

Feature	GitHub	Traditional Cloud Services (e.g. Google Drive, Dropbox)
Purpose	Source code hosting and version control	General file storage and sharing
Versioning	Git-based tracking of every change	Basic file history (limited)
Collaboration	Branching, pull requests, code reviews	Shared folders, comments
Security	SSH keys, access control, audit logs	Passwords, link sharing
Automation	CI/CD pipelines, testing, deployment	Limited or external integrations
Public Transparency	Open-source visibility (optional)	Mostly private by default

🌐 **Why It’s Ideal for Your Civic-Grade Project**

- You can **timestamp every commit** to prove authorship
- Agencies can **review annotated code** without installing anything
- You can **embed QR links** to specific versions in your signage or ledger cards
- It supports **public trust** through open-source visibility or controlled access