[**GitHub Repo Organization settings**](https://github.com/ITasCodeTeam/ITasCode_DevOps_Cloud/issues/7)

**What is GitHub Repo Organization Setting?**

In GitHub, when a **repository is created inside an Organization**, the **Organization’s admins** can control **who can access it**, what they can do (read, write, admin), and how the repository behaves (branch protection, issues, secrets, etc.).

These settings are accessible by:

**Go to your organization → Repositories → Click on a repository → Settings tab**

**Key GitHub Repository Settings in an Organization**

| **Feature** | **Meaning/purpose** | **example/option** |
| --- | --- | --- |
| **General** | Basic info & features | Rename repo, enable/disable issues, wikis, discussions |
| **Collaborators & Teams** | Who can access this repo | Add team (e.g., devs) with read/write/admin access |
| **Branches** | Control branch rules | Add branch protection rules (e.g., no direct push to main) |
| **Webhooks** | Notify other apps when changes happen | Connect repo to Jenkins, Slack, etc. |
| **Secrets and Variables** | Store passwords or API keys safely | Add AWS\_SECRET\_KEY, GitHub Actions uses it |
| **Actions** | Manage GitHub Actions usage | Enable/disable workflows, allow actions from outside |
| **Pages** | Host websites from the repo | Set up GitHub Pages for static website |
| **Security** | Security features | Enable Dependabot, code scanning |
| **Code & automation** | Rules for code | Auto merge, auto labeling, and issue templates |
| **Manage access** | Permission control | Invite individual collaborators (if allowed) |
| **Danger zone** | Risky actions | Delete repo, transfer ownership, archive repo |

**Organization v/s Personal Repo**

| **Feature** | **Personal repo** | **Organization repo** |
| --- | --- | --- |
| **Access** | Usually individual | Team-based (via Org) |
| **Control** | Limited | Admin-level controls for teams |
| **Permissions** | Manual | Role-based: Owners, Admins, Members |
| **Best for** | Single person developer | Companies, teams, projects with multiple users |