**1. Purpose of Prefixes in Branch Names**

In many teams, branches are named with **a category prefix** to quickly show what kind of work is happening:

| **Prefix** | **Meaning** |
| --- | --- |
| feature/ | New functionality being added |
| bugfix/ or fix/ | A bug fix |
| hotfix/ | Urgent fix for production |
| release/ | Preparing a release |
| experiment/ | Trying something new (might not ship) |

**2. Why feature/user-login?**

* **feature/** → tells others “this branch is adding a new feature”.
* **user-login** → short description of the actual feature (lowercase, words separated by hyphens).

This makes it easy to scan your branch list:

bash

CopyEdit

feature/payment-integration

feature/user-login

bugfix/profile-picture-upload

release/v1.2.0

**3. Benefits**

* Keeps branches **organized** in git branch or GitHub’s branch dropdown.
* Easy to see what each branch does without opening it.
* Works well with Git hosting tools (GitHub, GitLab, Bitbucket), which often group branches by prefix.