GitFlow

what is GitFlow :

Gitflow is a branching model for Git,which provides a set of guidelines and best practices for managing branches in a Git repository.

GitFlow hierarchy :

Gitflow proposes a specific branch hierarchy, with two main branches: master and develop
The master branch represents the stable and production-ready version of the code, while the develop branch serves as a staging area for all new features and changes that are being developed.

Gitflow introduces several other types of branches including:

Feature branches: These branches are created for developing new features or functionality. They are typically branched off the develop branch, and merged back into develop once the feature is complete.

Release branches: These branches are used for preparing a release. They are created from the develop branch and are merged into both master and develop once the release is ready.

Hotfix branches: These branches are created to fix critical issues in the production code. They are branched off the master branch and are merged back into both master and develop once the fix is complete.