

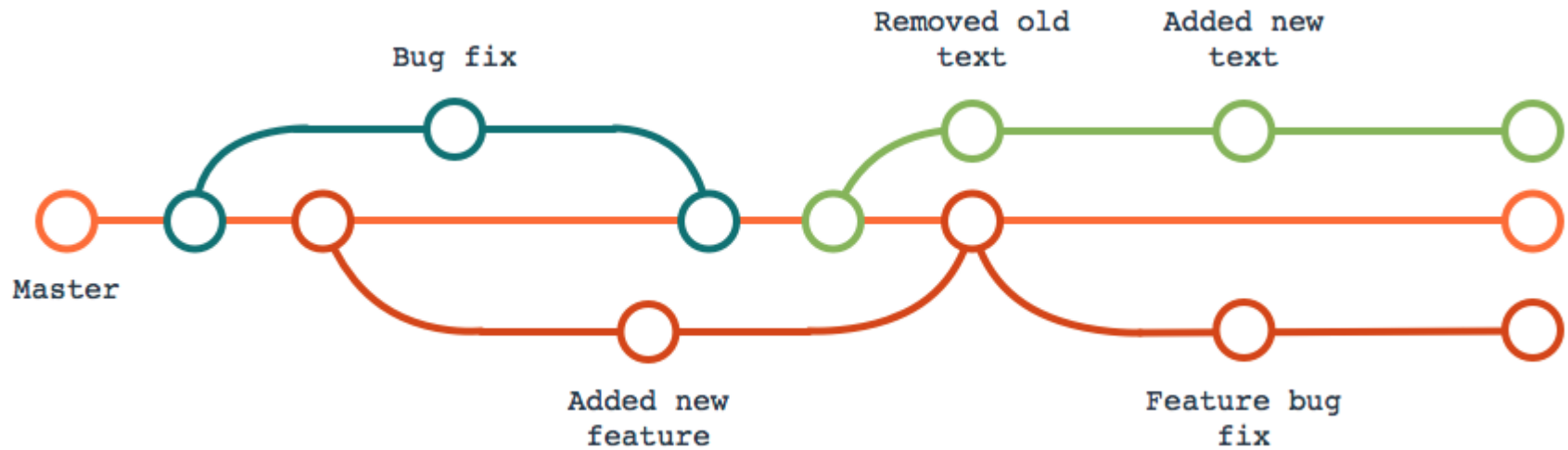
A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. Some nodes are highlighted with blue circles, and others with solid blue dots. The lines are thin and gray, creating a mesh-like structure.

GIT Introduction

Windows Programming Course

A decorative network diagram in the bottom-right corner, similar to the one in the top-left. It shows a cluster of nodes connected by lines, with several nodes highlighted in blue to match the overall theme.

Idea



GIT Term

- ◎ **Branch:** Used to create another line of development. By default, Git has a master branch. A branch is created to work on a new feature. Once the feature is completed, it is merged back with the master branch and we delete the branch.
- ◎ **Tag:** A specific version in the repository. Tags are very similar to branches, but the difference is that tags are immutable.
- ◎ **Commit:** Commit holds the current state of the repository. A commit is also named by **SHA1** hash.

Git commands

git clone [url]: Downloads a project and its entire version history

git status: To check the current status of your local code in your system

git add: To add the changes you made in the branch of a repository you are working

git commit -m "[descriptive message]" : Records file snapshots permanently in version history

git push [alias] [branch] : Uploads all local branch commits to GitHub

git pull : Downloads bookmark history and incorporates changes

git fetch : Downloads all history from the repository bookmark

GIT Client

- ◎ GitHub Desktop
- ◎ Fork
- ◎ SourceTree
- ◎ Visual Studio
- ◎ Visual Code
- ◎ ...

.gitignore

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WindowsProgrammingExercises / .gitignore Cancel

Want to use a .gitignore template? Choose .gitignore: VisualStudio

<> Edit new file Preview Spaces 2 No wrap

```
1 ## Ignore Visual Studio temporary files, build results, and
2 ## files generated by popular Visual Studio add-ons.
3 ##
4 ## Get latest from https://github.com/github/gitignore/blob/master/VisualStudio.gitignore
5
6 # User-specific files
7 *.rsuser
8 *.suo
9 *.user
10 *.useroscach
11 *.sln.docstates
12
13 # User-specific files (MonoDevelop/Xamarin Studio)
14 *.userprefs
15
16 # Mono auto generated files
17 mono_crash.*
18
19 # Build results
20 [Dd]ebug/
21 [Dd]ebugPublic/
22 [Rr]elease/
23 [Rr]eleases/
24 x64/
25 x86/
26 [Aa][Rr][Ii][Mm]/
27 [Aa][Rr][Ii][Mm]64/
28 bin/
29 [Bb]in/
30 [Oo]bj/
31 [Ll]og/
32 [Ll]ogs/
33
34 # Visual Studio 2015/2017 cache/options directory
35 .vs/
```

Update: 22:43 29/09/2020

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6	Bùi Đức Thiện	1811061027	X
7	Trần Đăng Khoa	1811770183	X
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13	Trần Hùng Cường	1811062399	Chưa access được
14	TrangGiaHuy	1811061125	X
15	Hồ Trịnh Mẫn	1811063282	X
16	Bùi Đức Thiện	1811061027	X
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18	Trần Lê Tấn Đức	1811060187	X
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Thanks!

Any questions?

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