Using Git GUI to create a remote repo. This is also an alternative to creating a bare repo that cannot be created directly from Git GUI.

Up to now, we assumed that only one person set up and used Git for one of her coding projects. Git, however, has a great deal of functionality to facilitate collaboration on code development in a team enviroment. There is more than one way to use Git to track code development and collaborate, the scenario below represents one that is close to the way we're going to be utilizing Git for our projects.

* Create an empty folder Git\_test. Make it your working folder where everything will be happening.
* Create a sub-folder Developer\_A. Open Git GUI and create a new Git repository in the Developer\_A folder. Add at least one file (even empty) and commit.
* From menu, choose Remote -> Add and fill in the Name, Location and choose Initialize Remote Repository and Push. This will create a bare Git repo called "Project.git"[[1]](#footnote-1) which will serve as the central repository for the chosen project.
* Clone the Project.git repo to a new one called Developer\_B. Once that done, the basic structure for collaboration is complete. There is a "main" repository Project.git and two local clones of it in Developer\_A and Developer\_B.

1. Bare repositories are given, by convention, an extension .git. Bare repos cannot be worked with, they are just "storage space" in which all developer pull and push their additons and changes to the code. [↑](#footnote-ref-1)