Git server and Git client setup in Ubuntu

Create a VM instance (e.g. git-server)	
Assign a public IP (by default a dynamic IP gets assigned, we need to change it to a static public IP) **This is an optional step - NOT MANDATORY**	
Log into the remote server using PUTTY/Git Bash	
sudo apt-get update	downloads the package lists from the repositories and "updates" them to get information on the newest versions of packages and their dependencies
apt-get install git	Installs git
groupadd dev	Creates a group "dev"
useradd -G dev -d /home/git -m -s /bin/bash git	Adds a new user "git" and the new user gets added to the group "dev"
Passwd git	Set a password to git and please remember it
su git	Change the user to git
cd	Changes to the logged in user's (git) folder
pwd	Shows the current directory
mkdir project.git	Creates a directory "project.git"
cd project.git	Changes to the new directory
git --bare init	Installs git in the server (without workspace)

Git Client setup

Create a VM instance in GCP (e.g. Development)	
Login into client machine using PUTTY/Git Bash	
sudo apt-get install git	Install git server (becomes local git server)
sudo ssh-keygen	Installs SSH private and public key; Go with the default folder and don't give any pass phrase
ssh-copy-id -i git@git-server	Replace "git-server" with public IP of your git server Copies the public key from your client machine to git server. NOTE: This may create some issues; You will have to change the SSH Config file in git-server. Please follow the steps given below in the section
git clone git@git-server:project.git	Replace "git-server" with public IP of your git server; This command clones the repository that we have created in the remote git server.

Making changes to the SSH Config in git-server

sudo nano /etc/ssh/sshd_config	Edit ssh config in nano editor
PasswordAuthentication no to PasswordAuthentication yes	Enables you to connect to remote server using password
sudo systemctl restart sshd	Restart daemon (ssh server)