1. GitHub is a website where Developers share their Code with others & work in Open-Source Development – project is made public from where other users can access.

Graphical user interface, text, application, email

Description automatically generated

1. Create Repository – Repository is a Container in which a Project Code is stored.

Repositories > New > name > description > public >check

Add a README file : it is a text file which has .md extension – brief info about project

Add .gitignore : website called gitignore io – enter details – create

File – files used by system – not needed in project, telling gitinore to ignore such files

License – permission to give other developers to use our code – MIT license

CREATE

After creating repository, download the repository to make changes in it –

https, SSH, Github CLI

SSH URL : allows to download this repo without using username & password

Open Command prompt – cmd

Download a software called Git SCM : <https://www.youtube.com/watch?v=J_Clau1bYco>

Open Git Bash from start

Cd

Cd /c

Ls

Cd/git –clone empty repository in ur local & paste d file in local which has to be exported to github

Copy http URL

Cmd - $ git config --global user.name “ashahs235”

$ git config --global user.email [asha.hs235@gmail.com](mailto:asha.hs235@gmail.com)

$ git clone <https://github.com/ashahs235/sampleMobileWebsite.git>

Ls

cd sampleMobileWebsite/

ls

git add test.txt //create file in local first

git status

git commit -m "first commit" test.txt

git push -u origin main

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 ~

$ cd

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 ~

$ cd /c

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c

$ ls

'$GetCurrent'/ 'Program Files (x86)'/ sdwork/

'$Recycle.Bin'/ ProgramData/ swapfile.sys

'$WinREAgent'/ Recovery/ swd/

AppData/ SUService.log temp/

'Documents and Settings'@ SpringMVCCRUDSimple/ trdock\_debug.log

DumpStack.log.tmp 'System Volume Information'/ untitled/

Intel/ Users/ untitled1/

Notes/ Windows/ untitled2/

Notesbkp/ dwm-dev-main/ untitled3/

PerfLogs/ hiberfil.sys workspace/

'Program Files'/ pagefile.sys

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c

$ ls

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Notesbkp/ dwm-dev-main/ untitled3/

PerfLogs/ hiberfil.sys workspace/

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c

$ cd git

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ ls

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ git congig --global user.name "ashahs235"

git: 'congig' is not a git command. See 'git --help'.

The most similar command is

config

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ git config --global user.name "ashahs235"

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ git ^C

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ git config --global user.email asha.hs235@gmail.com

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ git clone https://github.com/ashahs235/sampleMobileWebsite.git

Cloning into 'sampleMobileWebsite'...

remote: Enumerating objects: 4, done.

remote: Counting objects: 100% (4/4), done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (4/4), done.

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ ls

sampleMobileWebsite/

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git

$ cd sampleMobileWebsite/

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ ^C

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ ls

LICENSE README.md

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ ls

LICENSE README.md test.txt.txt

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ git add test.txt

fatal: pathspec 'test.txt' did not match any files

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ git add test.txt

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: test.txt

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ git commit -m "first commit" test.txt

[main bbcf5d7] first commit

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 test.txt

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ git push -u origin master

error: src refspec master does not match any

error: failed to push some refs to 'https://github.com/ashahs235/sampleMobileWeb

site.git'

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$ git push -u origin main

info: please complete authentication in your browser...

Enumerating objects: 4, done.

Counting objects: 100% (4/4), done.

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 300 bytes | 60.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/ashahs235/sampleMobileWebsite.git

ffee841..bbcf5d7 main -> main

Branch 'main' set up to track remote branch 'main' from 'origin'.

GMX+0010UY744@LAPTOP-CSP0I8EU MINGW64 /c/git/sampleMobileWebsite (main)

$

github to local https://www.youtube.com/watch?v=ttB0-Vz7Ho0

cd desktop

git clone https://github.com/saurabhnative/FullStackDevLectures2020.git

Create branch, edit code create new branch, merging main & new branch https://www.youtube.com/watch?v=WSWnch-SyPM