



<https://github.com>

What is github ?

Cloud based service that hosts software development projects. Offers a platform for developers to store, manage, share, and collaborate on their code.

Main Functions

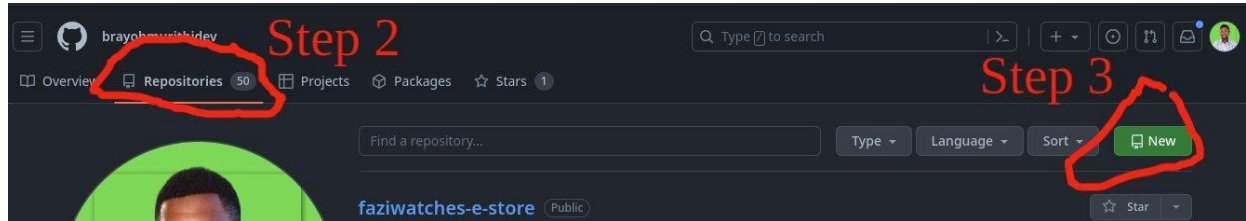
1. **Version Control** - github is built on Git, a distributed version control system that tracks changes to files and facilitates collaboration among multiple developers. It allows the developer to have their own local repository with a complete history of changes as well push and pull changes to and from the remote repositories hosted on github.
2. **Collaboration** - Developers can work together on projects. Github has collaboration features such as:
 - a. Branching
 - b. Pull requests
 - c. Code review

Additional Features on Github

1. **Issue tracking** - you can track issues and bugs.
2. **Github actions** - automation feature that helps you build a workflow to build, test and deploy.
3. **Github pages** - a feature to host static websites on github repositories
4. **Forks and clones** - fork (copy) of an existing repo and start as new based on the original code, clone a repository and create a local copy and sync between them.
5. **Social networking** - you can get follows, starring(liking) repositories and feed that shows updates on repo you interested in.

STEPS TO CREATE A GITHUB ACCOUNT & REPOSITORY

1. Visit <https://github.com> and login
2. Access repositories tab
3. Click the create button




4. Enter your repository name
 - a. Should have no spaces
 - b. Similar to your local folder
5. Enter descriptions (option)
6. Click create repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk ().*

Owner *

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Repository name *

/

Great repository names are short and memorable. Need inspiration? How about **laughing-tribble** ?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:



Add a README file

This is where you can write a long description for your project. [Learn more about READMEs](#).

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

Choose a license

License: None ▾

A license tells others what they can and can't do with your code. [Learn more about licenses](#).



You are creating a public repository in your personal account.

Create repository

CLONING AND PUSH

1. Clone the repository: `git clone`
`https://github.com/village-hopecore/real-estate.git`
2. Make changes to your project
3. Add your changes: `git add <file name>`
4. Commit your changes : `git commit -m "commit message"`
5. Push/ publish code to github: `git push`

EXISTING PROJECT

1. `git init`
2. `git remote add origin <github url>`
3. `git pull`
4. `git add <filename>`
5. `git commit -m "commit message"`
6. `git branch -M main`
7. `git push -u origin main`

HOW ADD REMOTE REPOSITORY TO LOCAL PROJECT DIRECTORY


1. Open Terminal/Command Prompt: Navigate to project directory.
2. Initialize Git: `git init`
3. Add Remote Repository URL: `git remote add origin <remote_repository_URL>`
4. Pull Remote Branches (Optional): `git pull origin <branch_name>`
5. Push Local Changes: `git push origin <branch name>`

GIT BRANCHES

- Branches allow you to work on different versions of your code independently.


Common Commands:

1. `git branch <branch-name>`: Creates a new branch.
2. `git branch -a`: Lists all branches (local and remote).
3. `git checkout <branch name>`: Switches to a different branch.
4. `git merge <branch to merge from>`: Merges another branch into your current branch. Make sure you are on the branch to merge to
5. `git branch -d <branch name>`: Deletes a branch (after merging its changes).

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Q Type to search

Overview Repositories 50 Projects Packages Stars 1



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brayohmurithidev / README.md

Hi 🙋, I'm Brian Murithi

A passionate developer from Kenya

Profile views 889

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- 🌱 I'm currently learning Sequelize ORM
- 💬 Ask me about React, MongoDB, MYSQL, Nodejs
- ✉️ How to reach me murithibrianm@gmail.com
- ⚡ Fun fact I dj for refreshments 😊😂

```
5 function List({ labels }: Props) {  
6   labels  
7 }  
8  
9  
10  
11  
12  
13  
14  
15  
16 const strings = ['React', 'TypeScript', '❤️'];
```

...githubusercontent.com/.../68747470733a2f2f692e67697068...ect with me: