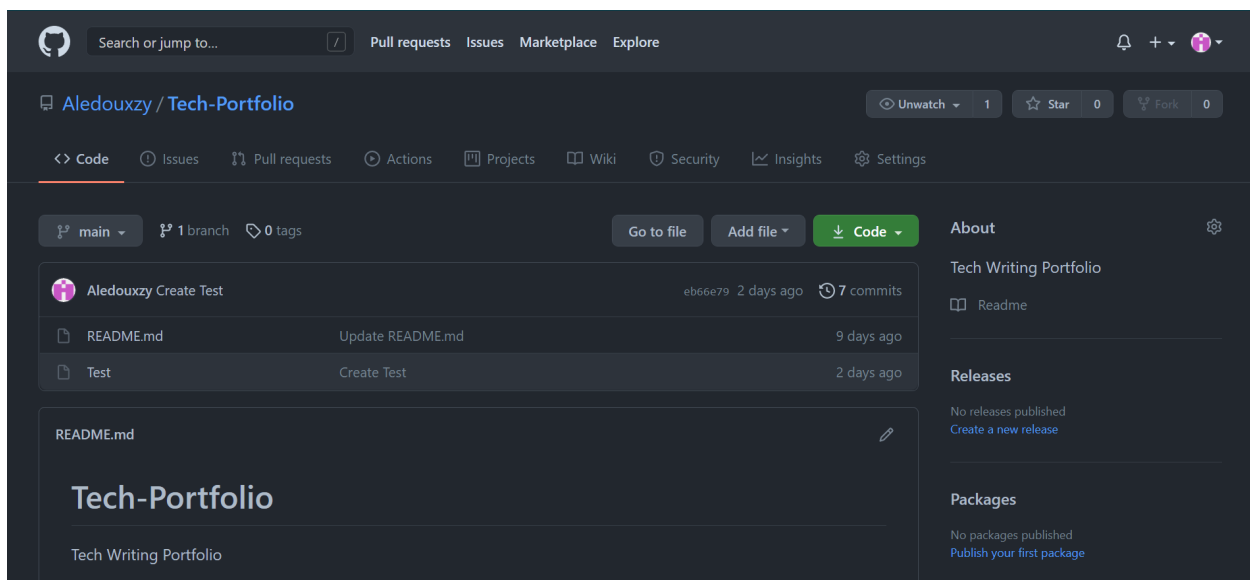


Final-Introduction to Github Repository UI Elements

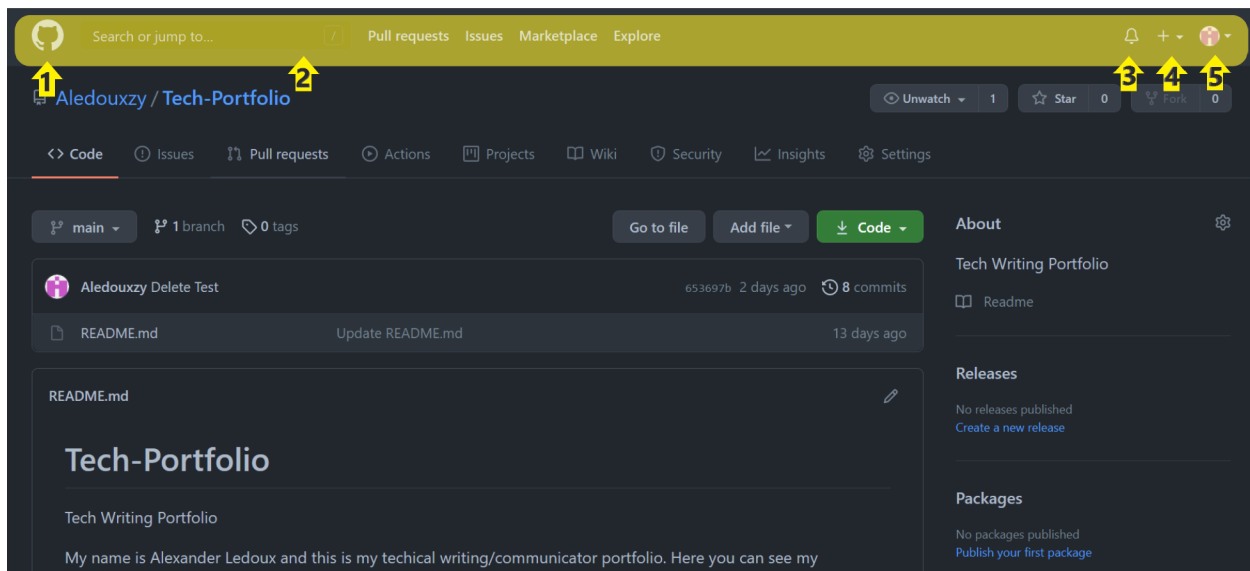
UI Elements

The Github repository main page has all the tools you will need to keep your projects organized and streamlined to use with your team. This document will go through the UI elements of the main repository page.

Repository Main Page



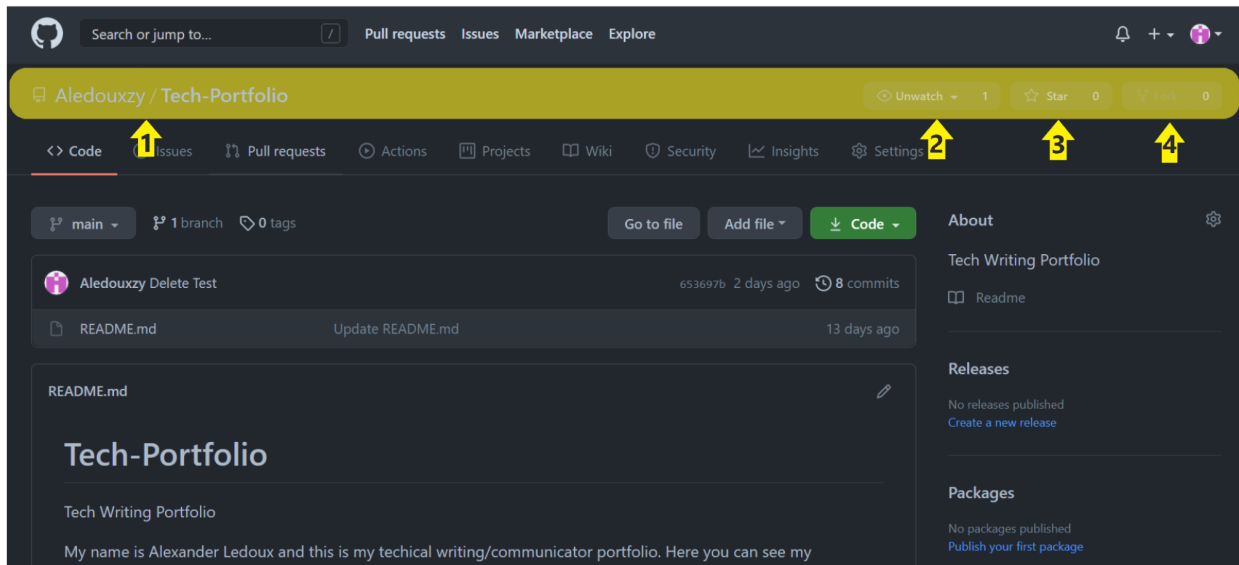
Github Heading Banner



This banner will persist across all pages navigated on Github.

1. **Home Button:** Click to bring user to a homepage which has a searchable list of your repositories. This home page also contains a news feed populated by events from people you **follow** and updates on repositories you **watch**.
2. **Search bar:** Allows you to search the current repository, by user, or all of Github. Searches can be filtered by:
 - **Pull requests**
 - **Issues**
 - **Marketplace**
 - **Explore**
3. **Notification bell:** Alerts user to unread @mentions. Click to see inbox.
4. **Create/Import Dropdown menu:** Click to allow user to create a **new repository**, **import repository**, create a **new gist**, create a **new organization** or allows user to create a **new issue** in the current repository.
5. **Profile dropdown menu:** Click to show dropdown menu for user to access their profile, repositories, codespaces, projects, stars, and gists. Also houses the help and settings menus.

Repository Title Line

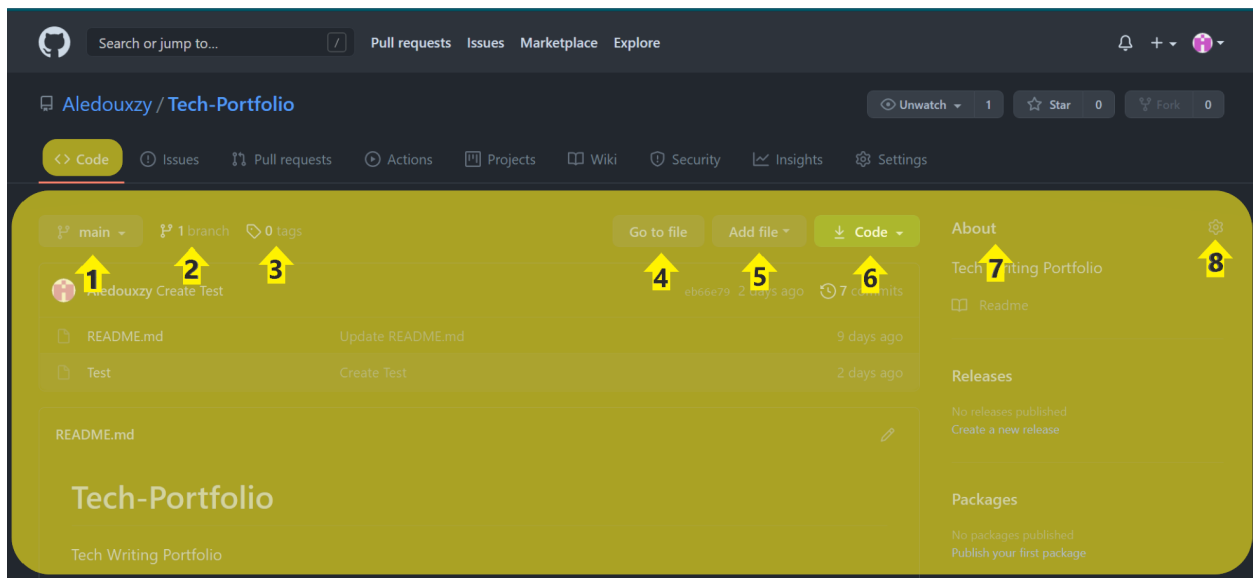


1. **Repository Owner/Repository name:** Displays both the owner of the repository and the name of the current repository. Click the owner's name to be taken to their profile.
2. **Repository watch menu:** Click to see dropdown menu for filtering or changing of notification settings for the current repository. Also displays current number of watchers. The dropdown commands are:
 - **Participating and @mentions:** Only receive notifications from this repository when participating or @mentioned.
 - **All Activity:** Be notified of all notifications on this repository.
 - **Ignore:** Ignores all notifications from this repository.
 - **Custom:** Allows user to select events they want to be notified of in addition to participating and @mentions.
3. **Star button:** Allows user to bookmark or display appreciation for a repository.
4. **Fork button:** Allows user to fork a repository which creates a personal copy which the user can freely edit without altering the original upstream repository. Pull requests opened in the upstream repository can also be applied to the forked repository as they are still synched.

Repository Page Tabs

The currently selected page tab will be underscored with an orange line.

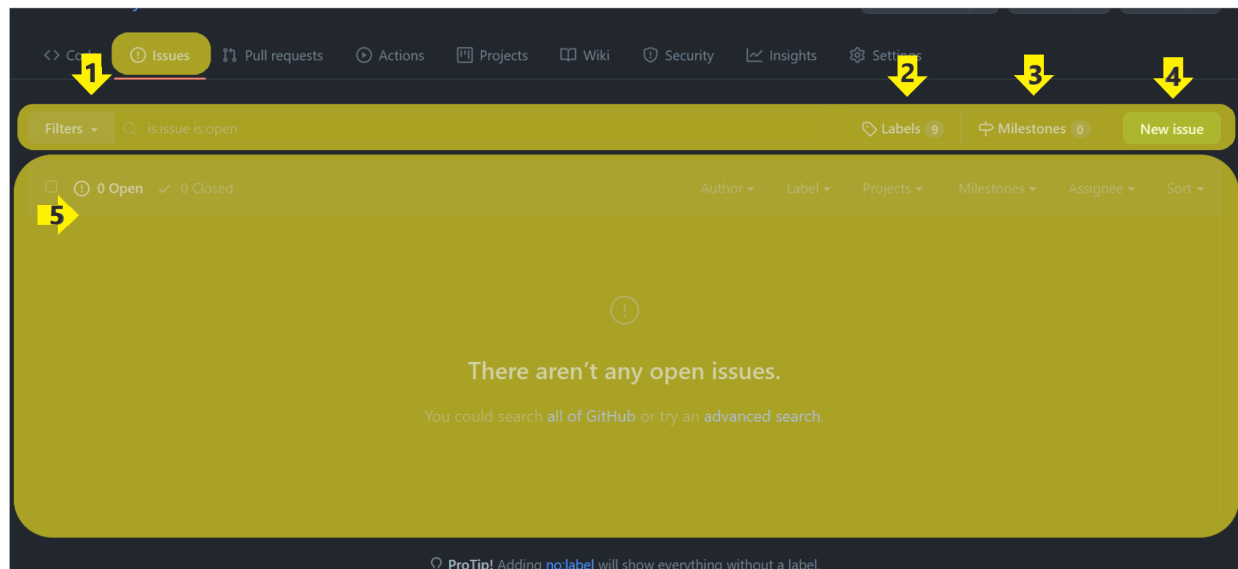
<> Code Tab



The **<> Code tab** is the default page tab for selected repositories. This tab is where the file structure and readme documentation are displayed.

1. **Main branch button:** Click to switch between branches of the repository and/or view current tags defining the repository.
2. **Branch:** Indicates how many branches there are in the selected repository. Click to view them as a list.
3. **Tags:** Displays the number of current tags on a repository branch. Click to view them as a list.
4. **Go to file:** Click to use the Github *file finder*.
5. **Add file:** Allows the user to **create new file** or **upload files**.
6. **Code:** Dropdown menu which allows the user to clone the repository using HTTPS, SSH, or Github CLI to be used with Git. Allows the user to open the repository with Github Desktop. Allows the user to download the repository as a ZIP file.
7. **About:** Displays the repository name and provides a button to quickly be brought back to the readme file. Displays published releases and packages of the selected repository.
8. **Settings cog:** Click to access the **edit repository details** window where the user can add/edit the repository's description, website link URL, add topics for searchability, and whether or not releases, packages, environments can be viewed on the repository's homepage.

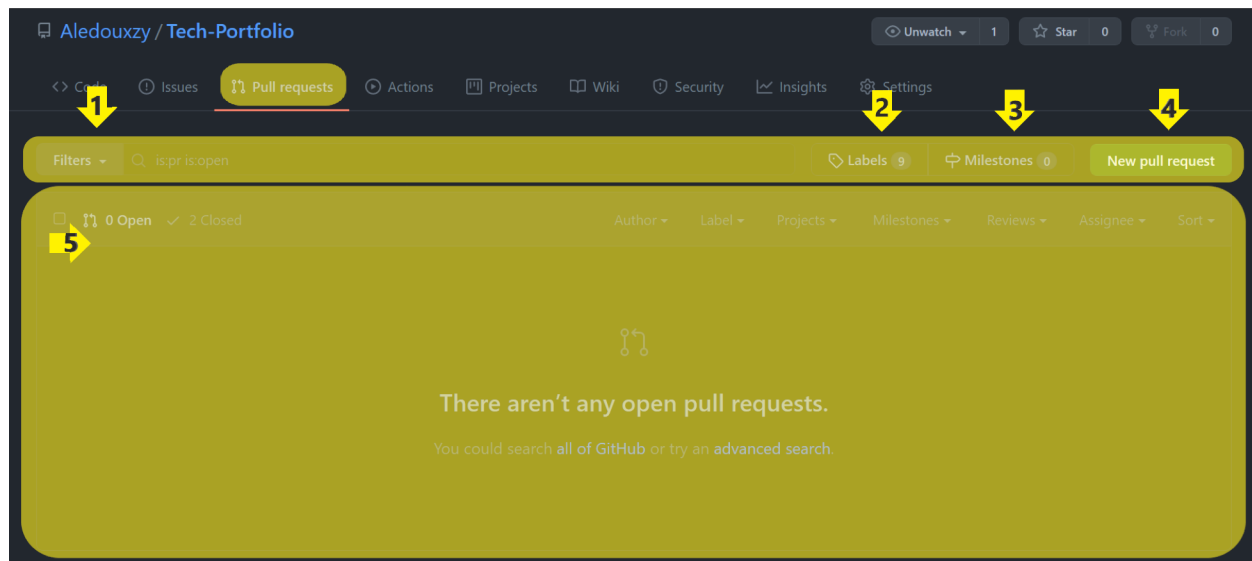
Issues Tab



The **Issues tab** is the page where users can search and create issues as well as submit milestones and assign/create labels.

1. **Search bar:** Allows the user to search through open or closed issues made to the repository. Searches can be filtered by:
 - Open issues and pull requests: Filters by all open issues or pull requests currently active on the repository.
 - Your issues: Filters by issues authored by the user.
 - Your pull requests: Filters by pull requests authored by the user.
 - Everything assigned to you: Filters by all issues and pull requests assigned to the user within the repository.
 - Everything mentioning you: Filters by all issues and pull requests using an @mention within the repository workspace.
1. **Labels:** A tag on an issue or pull request. Repositories come with a handful of default labels, but users can create custom labels.
2. **Milestones:** A way to track the progress on groups of issues or pull requests in a repository.
3. **New Issue:** Click to open a new issue within the repository.
4. **Issues container:** Space within the tab which displays search results can be further refined by: **open, closed, author, labels, projects, milestones, reviews**, and **assignee**. These results can then be sorted using the **sort** dropdown menu.

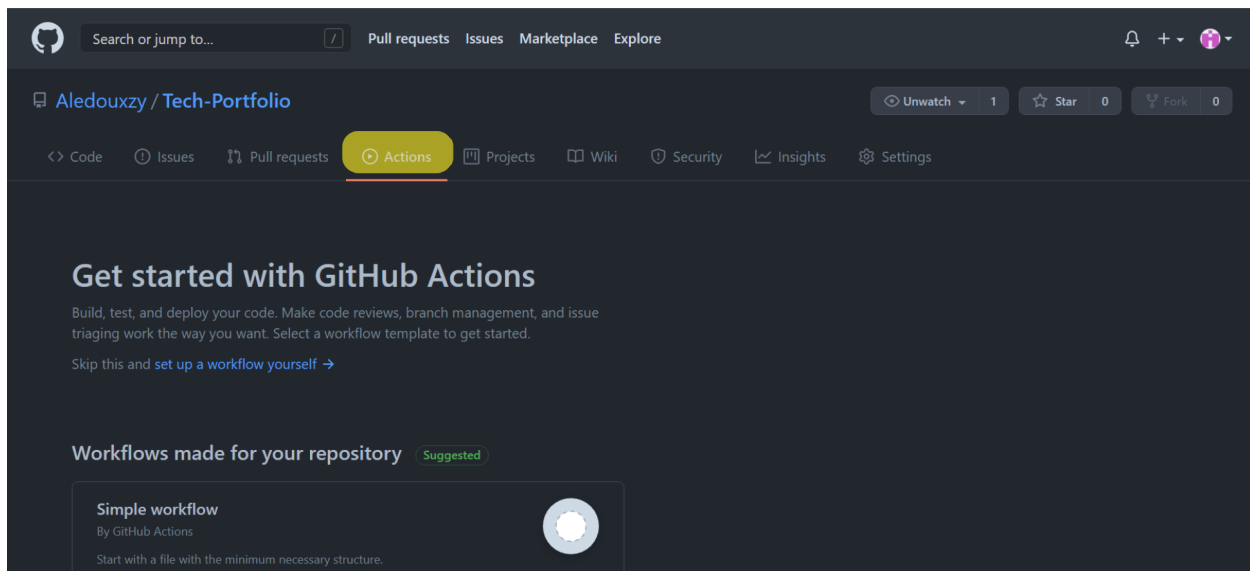
Pull Requests Tab



The **Pull Requests Tab** follows **issues tab** in layout and provides the same features with respect to pull requests.

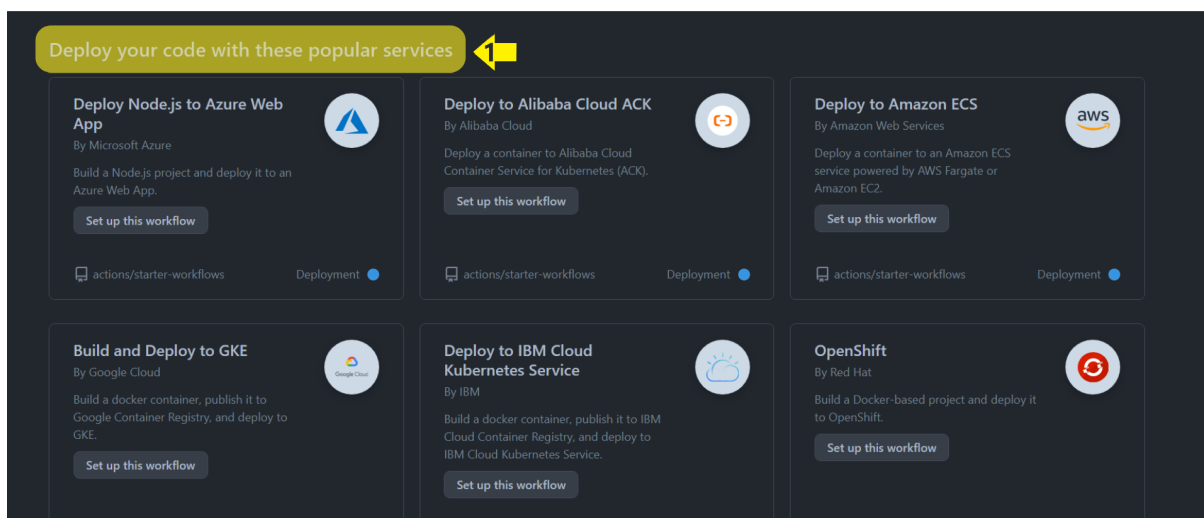
1. **Search bar:** Allows the user to search through open or closed pull requests made to the repository. Searches can be filtered by:
 - Open issues and pull requests: Filters by all open issues or pull requests currently active on the repository.
 - Your issues: Filters by issues authored by the user.
 - Your pull requests: Filters by pull requests authored by the user.
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Actions Tab



The **Actions** tab is where users can automate, customize, and execute their software development workflows right in their repository with GitHub Actions. You can discover, create, and share actions to perform any job you'd like, including continuous integration/continuous deployment, and combine actions in a completely customized workflow.

1. There are a many options considering software when deploying your code depending on the user's needs.



2. TBC...

