

**SESSION 6**

# **MORE ON GITHUB AND OVERVIEW OF GITHUB PAGES**

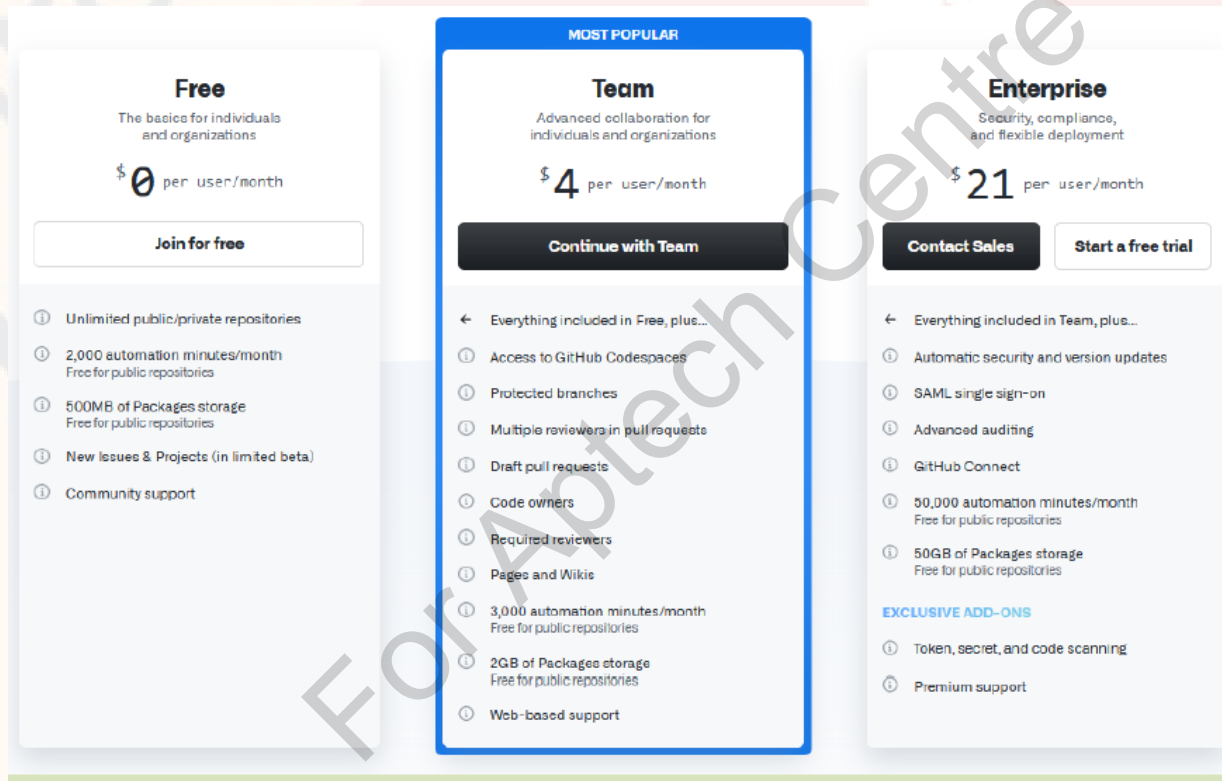
# OBJECTIVES

- Define forking and other operations with GitHub
- Identify the process to clone a repository
- Explain GitHub Pages
- Describe different types of GitHub Pages sites
- List the guidelines for using GitHub Pages

# GITHUB PRICING PLANS

Advanced features useful for enterprises

Using GitHub in Project Implementation



The screenshot displays the GitHub pricing page with three main plans: Free, Team, and Enterprise. The Team plan is highlighted as 'MOST POPULAR'. Each plan includes a list of features and a 'Contact Sales' or 'Join for free' button. The Enterprise plan also includes 'EXCLUSIVE ADD-ONS'.

Plan	Price	Key Features
Free	\$0 per user/month	Unlimited public/private repositories, 2,000 automation minutes/month, 500MB of Packages storage, New Issues & Projects (in limited beta), Community support.
Team	\$4 per user/month	Everything included in Free, plus: Access to GitHub Codespaces, Protected branches, Multiple reviewers in pull requests, Draft pull requests, Code owners, Required reviewers, Pages and Wikis, 3,000 automation minutes/month, 2GB of Packages storage, Web-based support.
Enterprise	\$21 per user/month	Everything included in Team, plus: Automatic security and version updates, SAML single sign-on, Advanced auditing, GitHub Connect, 50,000 automation minutes/month, 50GB of Packages storage, EXCLUSIVE ADD-ONS: Token, secret, and code scanning, Premium support.

Remote access

Quality management

Collaboration

# FORKING AND OTHER OPERATIONS WITH GITHUB 1-2

Process of forking

Basic sequence in forking

Fork acts as a bridge between the original repository and the user's personal copy

Login into GitHub account

Select existing repository and click Fork symbol

Use 'Commit' to save changes

Merge changes into original repository

**Forking the public repositories**

# FORKING AND OTHER OPERATIONS WITH GITHUB 2-2

Deleting a local branch

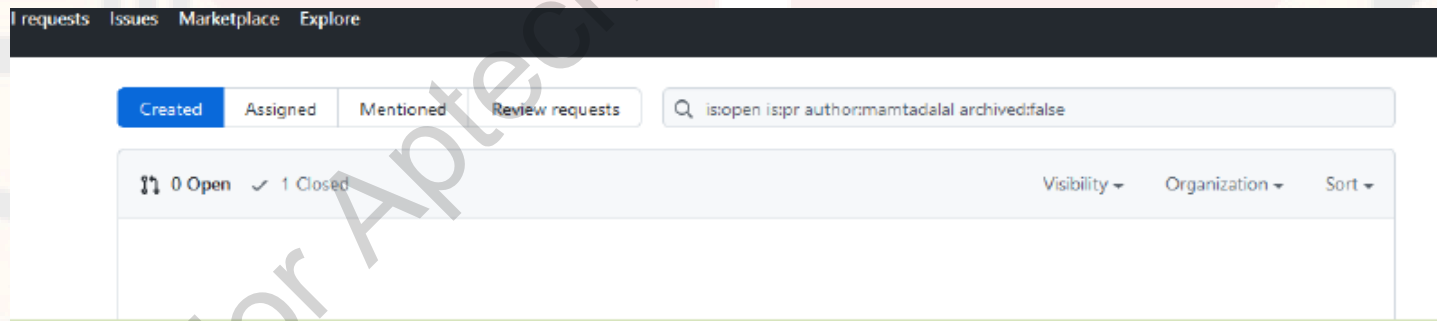
Restoring a Deleted branch



Pull request successfully merged and closed

You're all set—the `OkStar1-patch-1` branch can be safely deleted.

Delete branch



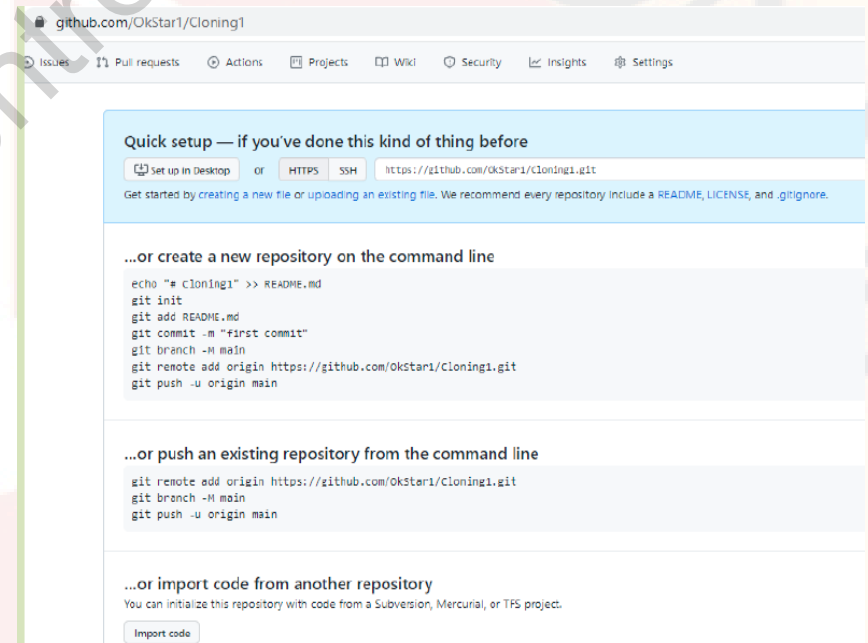
**Merging and deleting using Pull requests**

# CLONING A REPOSITORY

Add/Remove files and fix Merging issues

Copying the repository from GitHub.com to the local machine

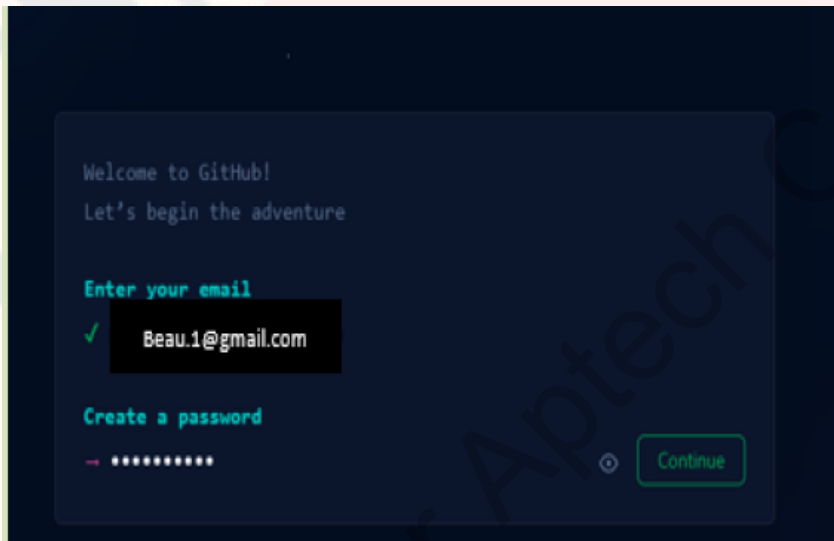
```
$ git clone https://github.com/msysgit/git.git
Cloning into 'git'...
remote: Counting objects: 177468, done.
remote: Compressing objects: 100% (52057/52057), done.
remote: Total 177468 (delta 133396), reused 166093 (delta 123576)
Receiving objects: 100% (177468/177468), 42.16 MiB | 1.84 MiB/s, done.
Resolving deltas: 100% (133396/133396), done.
Checking out files: 100% (2576/2576), done.
```



# INTRODUCTION TO GITHUB PAGES


Use of GitHub Pages

GitHub Pages Creation

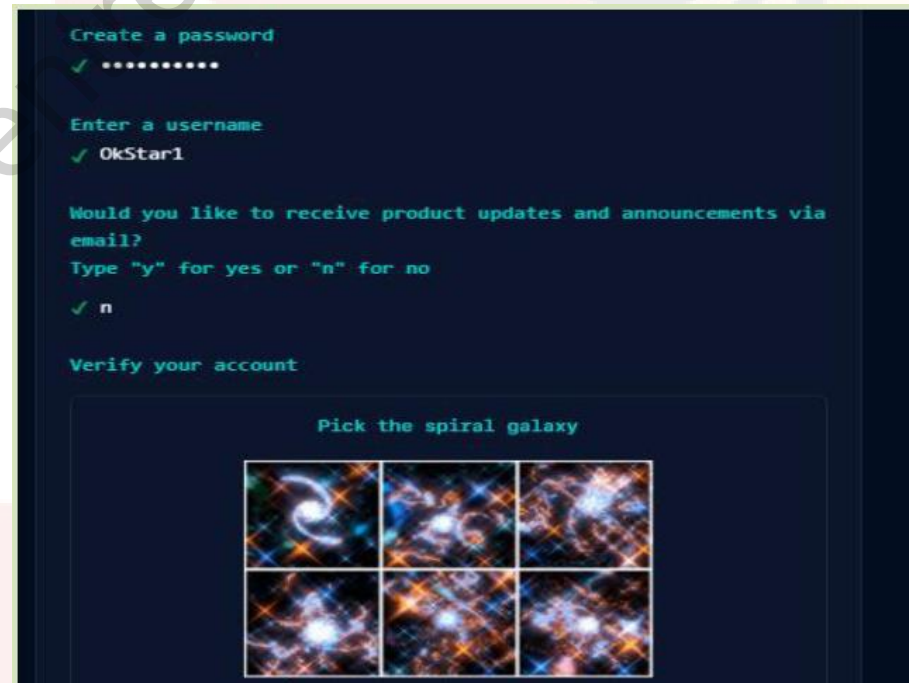


Welcome to GitHub!  
Let's begin the adventure

Enter your email  
✓ Beau.1@gmail.com

Create a password  
- ..... 

[Continue](#)






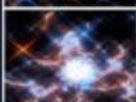


Create a password  
✓ .....

Enter a username  
✓ OkStar1

Would you like to receive product updates and announcements via email?  
Type "y" for yes or "n" for no  
✓ n

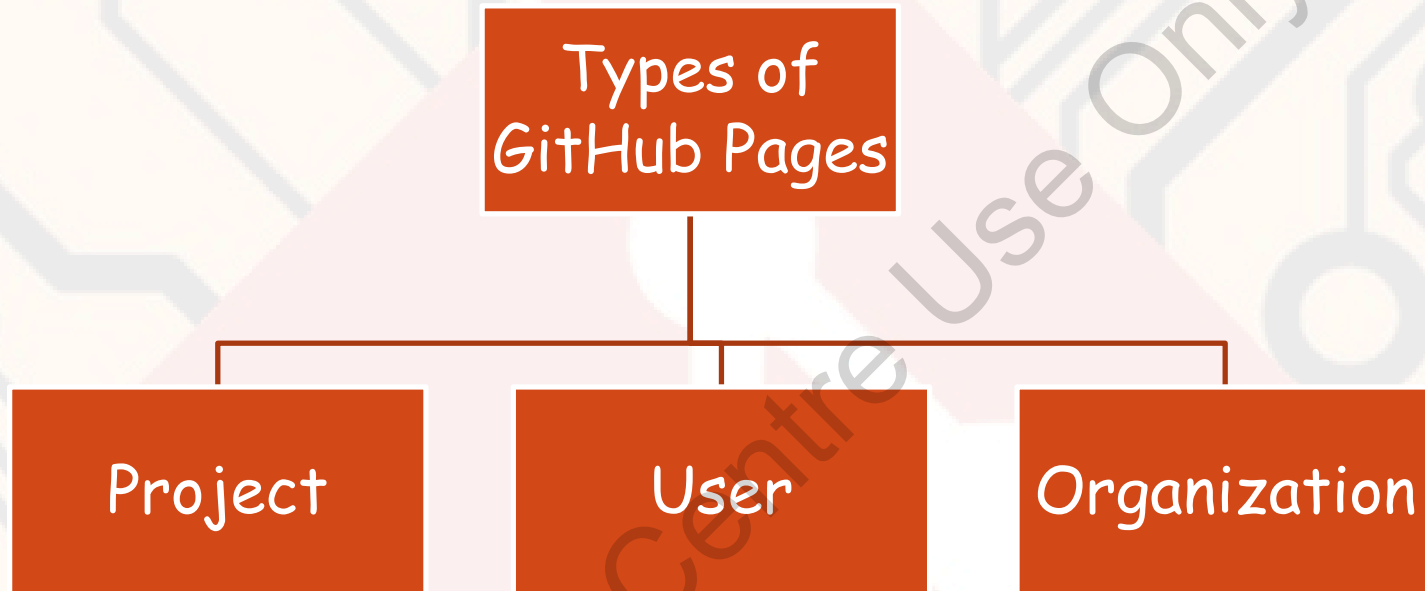
Verify your account

Pick the spiral galaxy

## Steps for creating GitHub pages

# TYPES OF GITHUB PAGES SITES 1-2



US Federal government also has a GitHub Pages site:

<https://government.github.com/>

Popular streaming content provider Netflix has a GitHub Pages site at <https://netflix.github.com>

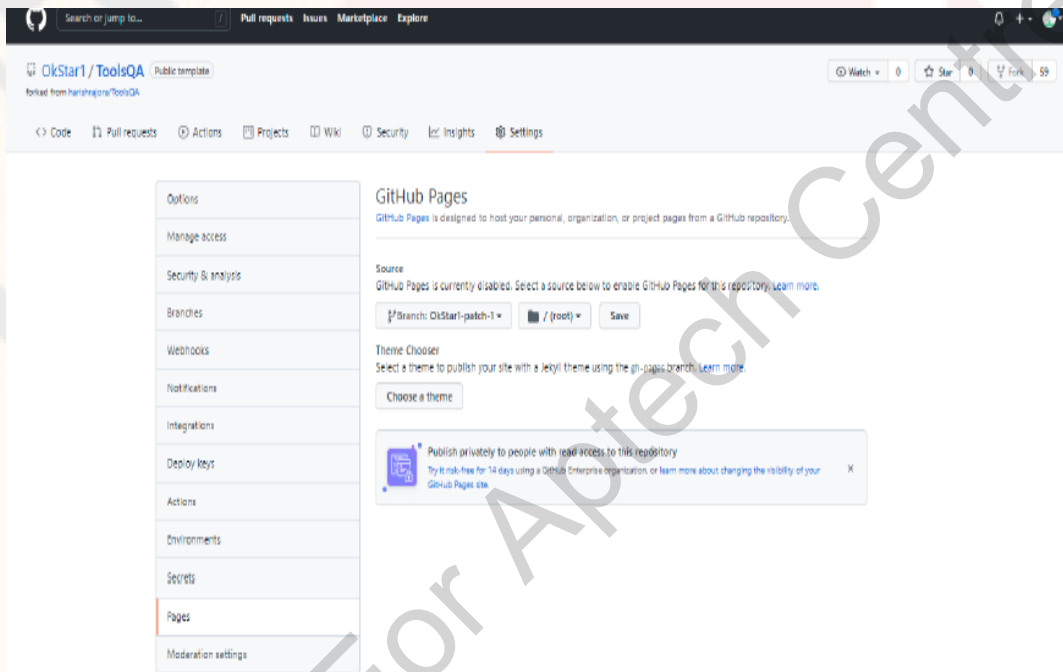
An estimated 1602 companies reportedly use GitHub Pages in their tech stacks, including Lyft, Tokopedia, and GitHub



# TYPES OF GITHUB PAGES SITES 2-2

Creating GitHub Pages sites

Adding Theme to a Page Site



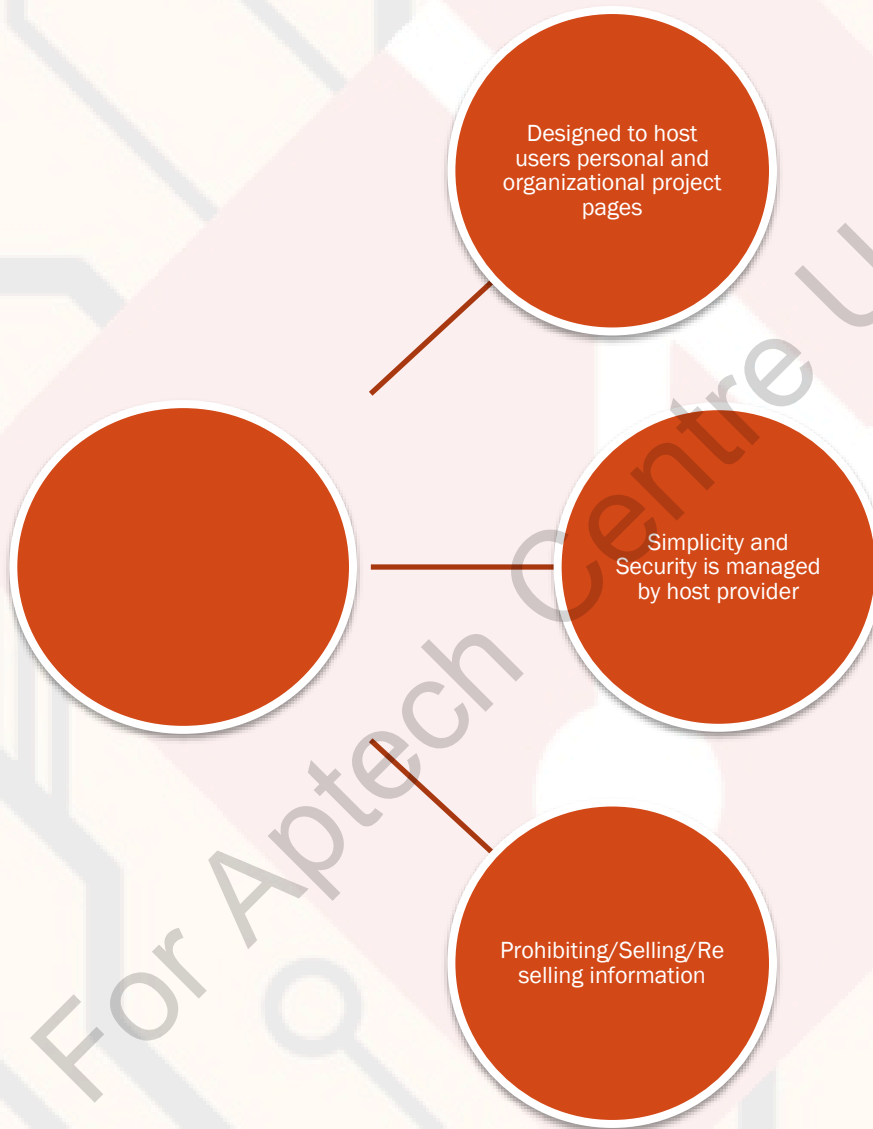
Once repository is created, users can add theme

Edit as per users requirements

Verification will be done once modification is completed

## Steps to add theme to a Page site

# GUIDELINES FOR USING GITHUB PAGES



# LIMITATIONS OF USAGE

GitHub Pages source repositories have a limitation of 1 GB

Published sites cannot exceed more than 1 GB

Agree to Terms and Conditions of GitHub Pages

Allows users to create only one Organization/Users

# SUMMARY

- Free, Team, and Enterprise are the three major types of accounts
- Enables to perform remote access, quality management, and collaboration
- Forking creates a copy of the repository
- Merging accepts changes from the forked repository into the original repository
- Cloning is the process of creating a copy of the repository