

Experiment 10

Aim:- To study and implement deployment of PWA to GitHub Pages.

Github Link: <https://github.com/anshi1108/MPL-project>

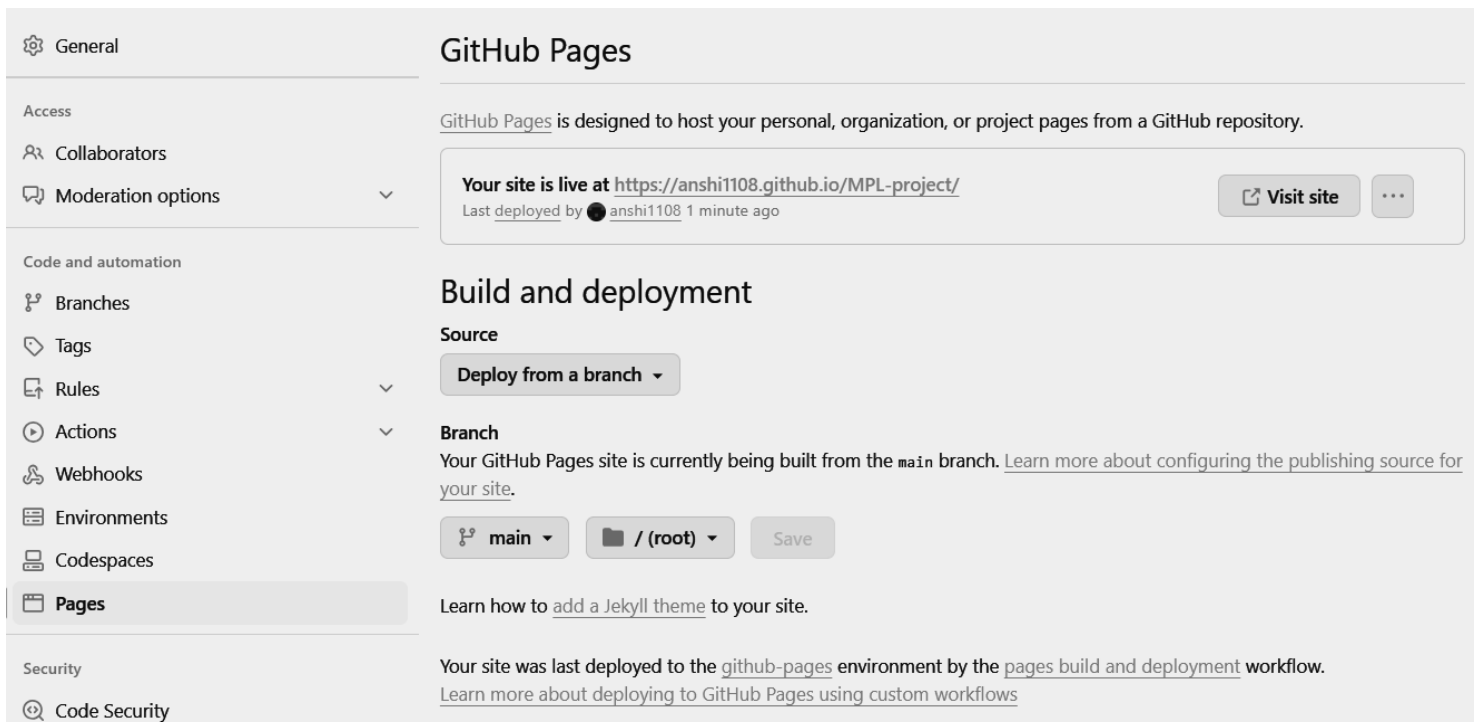
Description:

The aim of this experiment is to study and implement the deployment of an Progressive Web App (PWA) to GitHub Pages.

This involves building the production-ready version of the app using appropriate build commands, configuring important files like index.html, manifest.json, and the service worker to ensure correct path references, and setting the base href in index.html.

Once properly configured, the entire project is pushed to a GitHub repository and deployed using GitHub Pages. This process ensures the PWA is accessible from any browser and can be added to the user's home screen.

Output:



The screenshot shows the GitHub Pages configuration interface. On the left is a sidebar with navigation links: General, Access, Collaborators, Moderation options, Code and automation, Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces, Pages (selected), and Security. The main content area is titled 'GitHub Pages' and includes a description: 'GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.' Below this, a status box indicates 'Your site is live at https://anshi1108.github.io/MPL-project/' with a 'Visit site' button. The 'Build and deployment' section shows the 'Source' as 'Deploy from a branch' and the 'Branch' as 'main'. It also shows the deployment path as '/ (root)'. A 'Save' button is present. At the bottom, there are links to learn more about adding a Jekyll theme and the deployment workflow.

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces


Pages

Security

Code Security

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at <https://anshi1108.github.io/MPL-project/>
Last deployed by  anshi1108 1 minute ago

[Visit site](#) [...](#)



Build and deployment

Source

Deploy from a branch

Branch

Your GitHub Pages site is currently being built from the `main` branch. [Learn more about configuring the publishing source for your site.](#)

 `main`  `/ (root)` [Save](#)

Learn how to [add a Jekyll theme](#) to your site.

Your site was last deployed to the `github-pages` environment by the `pages build and deployment` workflow. [Learn more about deploying to GitHub Pages using custom workflows](#)

MPL-project

anshi123

A new Flutter project.

Getting Started

This project is a starting point for a Flutter application.

A few resources to get you started if this is your first Flutter project:

- [Lab: Write your first Flutter app](#)
- [Cookbook: Useful Flutter samples](#)

For help getting started with Flutter development, view the [online documentation](#), which offers tutorials, samples, guidance on mobile development, and a full API reference.

Conclusion:

By deploying the PWA to GitHub Pages, the app becomes publicly available for users over the internet. This provides a convenient way to share and test the application while ensuring a consistent hosting environment.

The successful deployment demonstrates the ability to host and maintain modern web applications using version control platforms like GitHub.