

## Experiment 9

**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 (with sub-links for Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces, and Pages), and Security (with a link to Code Security). The 'Pages' option is selected. The main content area is titled 'GitHub Pages' and includes the following information:

- A message: 'GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.'
- A status box stating: 'Your site is live at <https://anshi1108.github.io/MPL-project/>'. Below this, it says 'Last deployed by anshi1108 1 minute ago'. There is a 'Visit site' button and a menu icon.
- A section titled 'Build and deployment' with a 'Source' dropdown set to 'Deploy from a branch'.
- A 'Branch' section stating: 'Your GitHub Pages site is currently being built from the main branch. [Learn more about configuring the publishing source for your site.](#)' Below this are buttons for 'main', '/ (root)', and a 'Save' button.
- A link: 'Learn how to [add a Jekyll theme](#) to your site.'
- A footer note: '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

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## anshi123

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A new Flutter project.

### Getting Started

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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.