

EXPERIMENT 10	
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Aim: To study and implement deployment of Ecommerce PWA to GitHub Pages.

Github link: <https://github.com/dimpledalwani/flutter-ecom-pwa1.git>

Theory: Deploying an **E-commerce PWA to GitHub Pages** involves hosting the web app using GitHub's static site hosting feature. The process includes building the project (especially if using frameworks like Flutter, React, or Angular), ensuring that all **PWA requirements** like the manifest file, service worker, and icons are properly configured, and pushing the final production files to a GitHub repository. GitHub Pages serves files from the **main** or **gh-pages** branch, so developers often use deployment tools or commands (like `npm run deploy`) to publish the build to the appropriate branch. Proper routing and `404.html` support must also be handled for single-page applications to function correctly.

Output:

### GitHub Pages

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

Your site is live at <https://dimpledalwani.github.io/flutter-ecom-pwa1/>

Last deployed by dimpledalwani 13 hours ago

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

### Build and deployment

Source

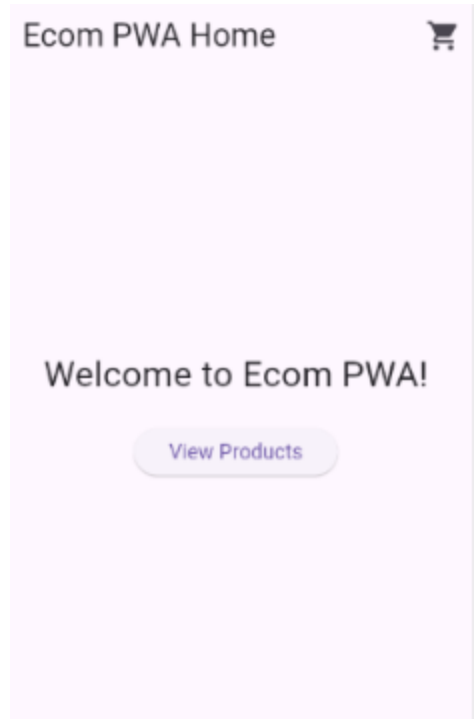
Deploy from a branch

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.](#)



Conclusion:In conclusion, deploying an E-commerce PWA to GitHub Pages is an efficient way to make the app publicly accessible and test its PWA capabilities. It provides a free, reliable hosting solution for static content while supporting core PWA features like offline access and “Add to Homescreen.” This deployment method is ideal for showcasing the app, gathering user feedback, and maintaining updates directly from a GitHub repository.