

Experiment 10**Aim: To study and implement deployment of Ecommerce PWA to GitHub Pages.****Theory:**

GitHub Pages hosts static websites directly from a repository. Flutter web builds can be deployed here using flutter build web and pushing to gh-pages branch.

Deploying E-commerce PWAs with GitHub Pages

GitHub Pages is a free service for hosting static websites directly from a GitHub repository. It's perfect for deploying PWAs.

1. Deployment Overview

- Push the project to GitHub.
- Build static files (npm run build).
- Serve from gh-pages branch.

2. Key Steps













- Setup repository.
- Build the project.
- Use gh-pages or GitHub Actions for deployment.
- Set "homepage" in package.json.

3. Benefits

- Free hosting with CDN.
- No server setup needed.
- Great for front-end and PWA projects.

4. For E-commerce PWAs

Makes the app installable, accessible, and testable in real environments.

 android	Fresh start	2 weeks ago
 assets/flags	Fresh start	2 weeks ago
 ios	Fresh start	2 weeks ago
 lib	more progress	2 weeks ago
 linux	Fresh start	2 weeks ago
 macos	Fresh start	2 weeks ago
 test	Fresh start	2 weeks ago
 web	Fresh start	2 weeks ago
 windows	Fresh start	2 weeks ago
 .env	Fresh start	2 weeks ago
 .gitignore	Fresh start	2 weeks ago
 .metadata	Fresh start	2 weeks ago

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Conclusion:

Deployment to GitHub Pages provided a free, reliable hosting solution for showcasing the Society App online.