

Deployment guide

(Online store with Product Management)

1) Build the site

```
npm i
npm run build
# output goes to /dist
npm run preview # optional: test the built output at
http://localhost:5174/
```

2) Deploy options

A) XAMPP / Local Apache

1. Build (see step 1).
2. Create a folder:
htdocs/online-store/
3. Copy **everything** from /dist into that folder.
4. Open:
<http://localhost/online-store/index.html>
5. Navigate to other pages by URL (e.g., /dashboard.html, /admin.html).

Tip: If assets don't load, ensure `base: './'` is set in `vite.config.js`.
Hard refresh (Ctrl/Cmd+Shift+R) if you see an old bundle.

B) GitHub Pages (project site)

1. In `vite.config.js`, keep `base: './'` **or** set `base: '/<repo-name>/'`.
2. Build: `npm run build`.
3. Publish the **dist** folder to the **gh-pages** branch (use any method: Actions, gh-pages npm package, or manual upload).
4. In GitHub → **Settings** → **Pages**, select the gh-pages branch / (root).

If you use `base: '/<repo-name>/'`, replace `<repo-name>` with your repo name.

C) Netlify

- **Site settings:**
 - **Build command:** `npm run build`
 - **Publish directory:** `dist`
- Deploy by connecting the repo or drag-and-drop the `dist` folder in the Netlify UI.

D) Vercel

- Import the repo in Vercel.
- Framework preset: **Vite** (auto-detected)
- Build output: `dist` (auto)
- If serving under a sub-path, keep `base: './'`.

3) Paths, assets & storage

- **Images** are local under `public/products/...` and `public/img/placeholder-480x360.png`.
Vite copies everything from **public/** into `dist/` automatically.
- **LocalStorage** keys used:
 - `admin_products` — products managed via Admin
 - `cart` — cart items
 - `user` — demo user profile
- Storage is **per origin**. After deployment to a new domain/path, you'll start with an empty store (use **Admin** → **Reset to Seed** if needed).

4) Common pitfalls & fixes

- **Blank page or 404 on assets:**
Ensure `base: './'` in `vite.config.js`. Rebuild and redeploy.
- **Images not showing:**
Confirm files exist in `public/products/` and product image paths are relative like `products/headphones.jpg`.
Admin will fall back to `img/placeholder-480x360.png` if blank.
- **Dashboard loads “home.jsx” in production:**
That's a **dev-only** script tag. In production, Vite replaces it with built `assets/*.js`.
Always open the HTML from `dist/` (or the server), not from `/src/`.
- **Cache issues:**
Use a **hard refresh** or clear cache when swapping builds; Vite filenames are content-hashed but HTML can be cached by some servers.

5) Quick verification checklist

- Open `index.html` from the deployed URL → Featured products render.
- Navigate to `product.html` → images visible, filtering works.
- `admin.html` → edit a product → save → refresh Home, featured updates.
- `register.html` → create account → toast → redirects to `dashboard.html` with greeting.
- `cart.html` and `checkout.html` show accurate totals and forms.

6) Rollback

Keep the previous `/dist` snapshot or deploy history (Netlify/Vercel offer one-click rollbacks). For XAMPP, keep a dated backup of the last working `dist/` to restore by copy.