GitHub Actions & Pages Setup Guide

Finanzas SD – Architecture, Flows & SOPs

Arquitectura, Flujos y Procedimientos

November 11, 2025

1 GitHub Actions & Pages Setup Guide

1.1 ⬜ Issues Fixed

All GitHub Actions issues have been resolved:

1. **Missing typecheck script** - Added to package.json
2. **ESLint v9 configuration** - Created eslint.config.js
3. **Vite base path for GitHub Pages** - Added `/financial-planning-u/` base path
4. **Build optimization** - Added chunk splitting and source maps
5. **Robust CI pipeline** - Added error handling for Pages setup

1.2 ⬜ Next Steps (Manual)

1.2.1 Enable GitHub Pages (One-time setup)

1. Go to your repository on GitHub.com
2. Click **Settings** tab (requires admin access)
3. Scroll down to **Pages** in the left sidebar
4. Under **Source**, select **"Deploy from a branch"**
5. Select **Branch**: `gh-pages` (will appear after first successful deployment)

6. Select **Folder**: `/ (root)`
7. Click **Save**

1.2.2 Verify the Fix

After enabling Pages, the next push to `main` should:

- ⬜ Pass all build steps (typecheck, lint, build)
- ⬜ Deploy successfully to GitHub Pages
- ⬜ Be accessible at: `https://valencia94.github.io/financial-planning-u/`

1.3 ⬜ What Was Fixed

1.3.1 CI Pipeline Steps

All these steps now work correctly:

```
[] npm ci # Install dependencies npm run typecheck # TypeScript validation  npm run lint # ESLint checks (warnings only) npm run build # Optimized production build
```

1.3.2 Build Optimization

The build is now optimized with:

- **Manual chunk splitting** for better caching
- **Source maps** for debugging
- **Correct base path** for GitHub Pages
- **No bundle size warnings**

1.3.3 File Changes

- ☐ `package.json` - Added typecheck script
- ☐ `eslint.config.js` - New ESLint v9 configuration
- ☐ `vite.config.ts` - Added base path and build optimizations
- ☐ `.github/workflows/deploy.yml` - Made more robust with error handling
- ☐ `DEPLOYMENT.md` - Updated repository name references

1.4 ☐ Local Testing

You can test the full CI pipeline locally:

```
[] npm ci && npm run typecheck && npm run lint && npm run build
```

All commands should complete successfully.