Git Workflow for M31

Branches

Branch	Purpose	Vercel
dev	Daily work, experiments, messy edits	Preview URL
main	Clean, production-ready code	Live site

Project Structure

```
m31-site/
├── app/
│   ├── page.tsx        ← Landing page (production)
│   ├── layout.tsx      ← Fonts, metadata, SEO
│   ├── globals.css     ← Global styles
│   └── test/
│       └── convoset/
│           └── page.tsx ← Convoset testing sandbox
├── public/
│   └── m31.jpg         ← Background image
└── .gitignore
```

What is /test/convoset?

This is your **sandbox route** for testing conversation sets before they go live.

- **URL (preview):** https://[preview-url]/test/convoset
- **Purpose:** Tinker with convoset UI, flow, and mechanics
- **Workflow:** Build here on dev → test via preview URL → when ready, move to production route

This route is for experimentation. Break things here, not on the live site.

Daily Workflow

1. Make sure you're on dev

```powershell
git branch
```

You should see `* dev`. If not:

```powershell
git checkout dev
```

2. Work normally

Edit files in VS Code. Save.

3. Push to dev

```powershell
git add .
git commit -m "what you changed"
git push
```

4. Check preview

Go to Vercel Dashboard → click the latest "Preview" deployment → opens preview URL.

To test convosets: add `/test/convoset` to the preview URL.

Repeat steps 2-4 as many times as you want. Messy is fine here.

When Ready to Go Live

1. Switch to main

```powershell
git checkout main
```

2. Merge dev into main

```powershell
git merge dev -m "Brief description of what's new"
```

3. Push to production

```powershell
git push
```

4. Go back to dev

```powershell
git checkout dev
```

Quick Reference

Command	What it does
`git branch`	Shows which branch you're on
`git checkout dev`	Switch to dev branch
`git checkout main`	Switch to main branch
`git status`	Shows what files changed
`git add .`	Stage all changes
`git commit -m "msg"`	Save changes with a message
`git push`	Send to GitHub (triggers Vercel)
`git merge dev -m "msg"`	Pull dev changes into current branch

Troubleshooting

"I pushed to main by accident"

Not a big deal. Just switch back to dev:

```powershell
git checkout dev
```

"I'm on the wrong branch"

Check where you are:

```powershell
git branch
```

Switch to the right one:

```powershell
git checkout dev
```

"I have uncommitted changes and can't switch branches"

Commit first, then switch:

```powershell
git add .
git commit -m "wip"
git checkout dev
```

"Preview URL not updating"

1. Make sure you saved the file in VS Code

2. Make sure you pushed:

```powershell
```

```
git add .
git commit -m "update"
git push
```

3. Wait 30-60 seconds for Vercel to rebuild

4. Hard refresh the preview URL (Cmd + Shift + R)