BAYREUTH AI ASSOCIATION e.V.

UNIVERSITÄT BAYREUTH

Human and agentic AI collaboration for coding projects

How we rebuilt the Bayreuth AI Association website

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Bayreuth AI Association e.V.

Two ways to build a website

A website normally needs a team of developers. We built ours with only one.

Conventional

Project manager · UX designer · Graphic designer · Front-end developer · Back-end developer

Structured process with milestones

- Planning and requirements
- UX and graphic design
- Development sprints (sprint reviews)
- Testing and MVP

◆ Milestone with a deliverable signed off before the next phase

Our project

Web developer

Four members with no coding experience

Iterative process driven by prompts

First prompt and setup — *led by the web developer*

Member prompts a change → AI agent edits the code → Re-render and check the site → Repeat as often as needed → Live website

■ developer □ member ■ AI agent

Only one person on the team needed to be able to code.

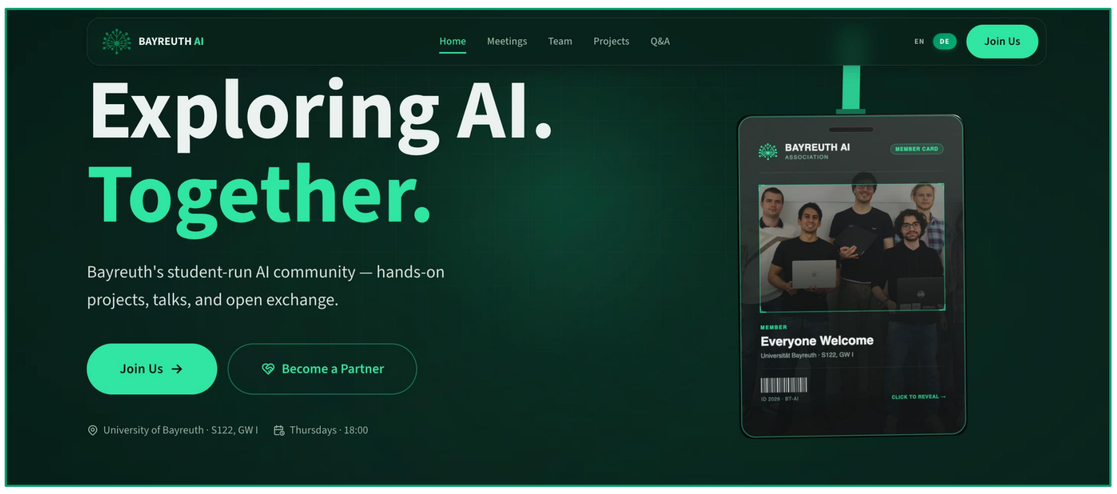
Solid figures could already write code. Outlined figures could not.

The *vibe-developer* workflow

SESSION 1	SESSION 2	SESSIONS 3 and 4	RESULT
Concept	**Setup**	**Build and refine**	**A live public website**
▸ Brainstorming as a group	▸ Claude Code on every laptop	▸ Features added on own branches	▸ Built by the whole group
▸ Online research of other sites	▸ GitHub basics: branch, commit, pull request	▸ Text and layout improved	▸ Non-coders now run the workflow alone
▸ Framework chosen with the assistant	▸ First mock-up reviewed together	▸ Every change reviewed	

The team decided what to build · **The assistant** wrote the code · **The developer** reviewed major changes

What came out of it



- The hard part became deciding what to build
- Version control was harder to learn than prompting
- One experienced reviewer is still needed

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