**Frontend — Lang Portal**

**Difficulty:** Level 200

**Business** **Goal:**

A language learning school wants to build a prototype of learning portal which will act as three things:

* Inventory of possible vocabulary that can be learned
* Act as a record store, providing correct and wrong score on practice vocabulary
* A unified launchpad to launch different learning apps

You have been tasked with creating the frontend API of the application.

The fractional CTO has made strong recommendation that you settle on a frontend stack that is being commonly adopted and optimized for AI prototyping services.

The frontend application should powered by your backend API.

**Technical Restrictions:**

The technical stack should be the following:

* Typescript (statically typed javascript)
* Tailwind CSS (css framework)
* Vite.js (frontend tool)
* ShadCN (UI components)

Leverage an AI prototyping service to write your frontend code:

* Lovable.dev
* Bolt.new
* v0.dev

Leverage AI-coding assistants as a secondary AI service to write your frontend code:

* Cursor
* Windsurf Codeium
* Github Copilot
* Amazon Q Developer
* Google Code Assist