

Problem: I need a place for all my notes. Both physical and digital.

Digital notes: I probably won't print them, so all my notes need to be in the digital format.

A solution to that is to scan the physical ones. Easy.

I need a place that allows me to access them without internet, but sync them if I want

↳ Use files and download all the files often

App idea → Create a notetaking app that does all of these things I want.

- Use my raspberry pi as the server.
- Ability to write and type. Add documents and sync my files.
- Ability to create folders and add tags.

Search

That means, I'll need to use electron to build a web app.

Tech Stack:

Javascript / Electron / React

→ How does that solve my problem? It's self hosted, private and I'll have all of my files with me.

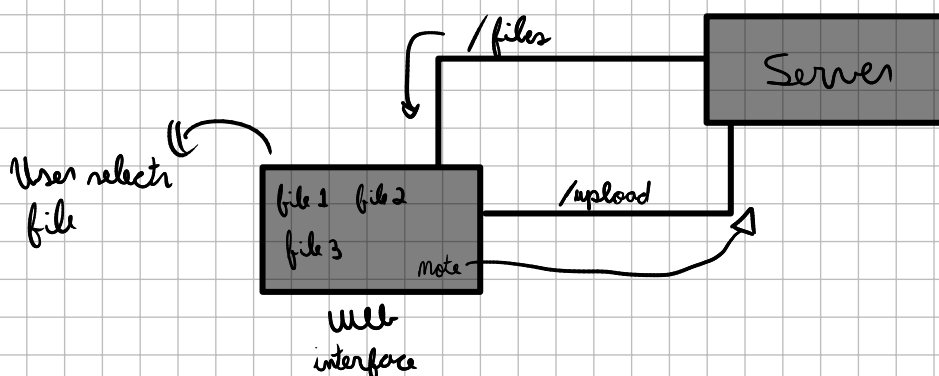
→ Most important features!: Ability to Draw, embed files and sync.

API → Be able to serve and receive files.

/files → Shows all the files → Frontend fetches them from here

/upload → allows user to add files → Store in a database

/Download → allows user to download files



When the user chooses a file, it gets downloaded and it can start being edited. When it is saved, it gets uploaded back.

Database → MySQL or MongoDB

name	Tags	Creation date	ID
name	Tags	Creation date	ID
name	Tags	Creation date	ID

The tags will be used for me to search similar files.