Essentials

Users shall be able to filter what will be deleted in order to prevent losing crucial or important files.

Users shall be able to customize their experience however they want.

The customizability should include directories to scan, how often they should be scanned, and if/when the application cannot run.

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Tech Stack

One possible option for tech stack is using python for ease of coding and easy to open source. Cons: Harder to distribute to non-technical users

Another possible option is expanding it to swift and swift UI if for some reason this would be on IOS. Cons: Not many apple users need a storage solution like this

Another option would be qt with c++. It would make it easier to distribute to non-technical users due to the option to compile into exe.

Or alternatively, just make it in Java with Swing. Cons: java is verbose and less low level options.

Platform

Python would properly compile to any platform that can install it.

IOS application

C++ with qt is best for linux development and can compile to windows.

Desktop application similar to c++ and qt

Long term support

Open source

Also either open or closed source. Usually closed source.

C++ and qt could be open source or closed with regular bugfixes

Java and swing has the same options for c++.

Cost

Free and easy to maintain but very hard to pay wall it.

Proprietary to IOS and at least $99 per year for a membership.

Free and easy to maintain but more potential for paywall than python.

Java is easier than c++ and qt for one person to maintain as its a memory safe language.