Challenge: Build (or Set Up) a Free, Enterprise-Ready Password Vault

Goal

Research and set up (or describe in detail how you'd set up) a completely free password vault / password manager that's suitable for a small-to-medium team or company ("enterprise-ready"). It should feel professional enough for real use: multiple users, secure sharing, access controls, logging/auditing basics, strong encryption, and ideally self-hosted to keep everything under your control.

"Free" means no paid plans, no trials that expire, no hidden costs for core features. Open-source and self-hosted is strongly preferred (avoids cloud vendor lock-in and subscription traps). Setup should be realistic with minimal friction; no signing up for lots of paid services or complex enterprise licensing.

You can use any tools you want (AI assistants, search, docs, code generators, etc.). Feel free to show your process: what you searched, why you picked one option over others, trade-offs you considered, any code/scripts you wrote or generated (and why), etc.

Key things we're curious about

- How you research and compare options
- What you define as "enterprise-ready" and why
- Your high-level architecture / deployment approach
- How you'd make it secure and usable for a team (e.g. 10–50 users)
- Any custom code, automation, or hardening steps you think are needed
- Anything clever or practical you come up with
- Does this meet SOC2 compliance standards

What to send back

Whatever format feels natural to you:

- A markdown doc / write-up with your thinking, comparisons, chosen solution, setup guide, architecture sketch (text diagram is fine), any code snippets/scripts
- Links to repos/docs you used
- Screenshots, Docker Compose examples, config snippets, or a small Python/bash helper script if you think one would help (e.g. for initial user setup, backup automation, etc.)

No minimum/maximum length; just make it clear and show your reasoning. If something would take way too long to fully implement, describe it and prototype the interesting parts.