

## Introduction:

In today's increasingly digital world, individuals face the challenge of safeguarding their digital identity, assets, and personal wishes, recognizing that a digital legacy deserves protection very similar to that of physical assets. Planning for the future and managing one's digital life for unexpected events or post-funeral arrangements can be complex and demanding. The need for a secure and user-friendly solution to organize, protect, and manage digital information, for both the present and future, has become critical. Furthermore, individuals require control over their digital content and the assurance that their wishes regarding this information will be respected and executed.

## Client Details

**Name:** Confidential | **Industry:** Finance | **Location:** Canada

## Technology

**Backend:** Rust, Axum, Node.js, Express, PostgreSQL

**Frontend:** React.js, Typescript

**Messaging:** Kafka

**Storage:** Ceph

**Infrastructure & Other Tools:** Docker, Kubernetes, Terraform, AWS, Cloudflare, Cypress, Swagger, Jenkins (CI/CD), Prometheus, Grafana

## Project Description

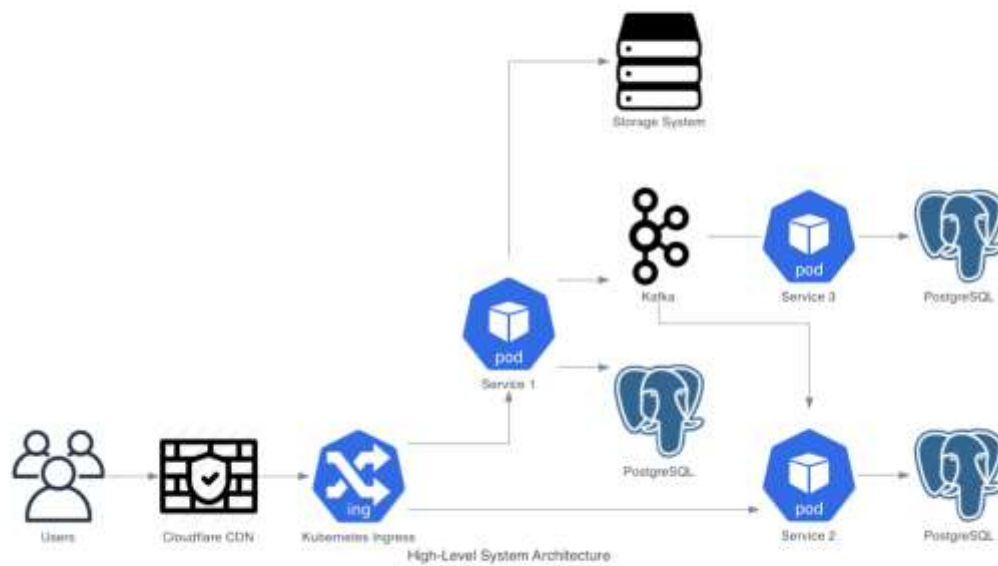
The main objective was to create a **secure digital vault** that acts as a secure virtual safety deposit box. This product aims to solve the challenges of digital legacy management by providing an **all-in-one virtual safe** to organize and protect important digital content. Users have the power to modify their information anytime and maintain sole control over their safe deposit box content. The product offers various features, including the ability to store diverse information such as contracts, digital accounts, crypto seed phrases, business contracts and private photos. Notably, the Secret Garden feature allows users to designate content for **instant destruction upon confirmation of death**. The product also supports broader legacy management by helping users define future intentions, manage succession, and securely destroy sensitive information if needed. It integrates with current digital trends by accommodating extensive digital content ownership and offering significant storage solutions.

Some of the main features of the product are as follows:

- Secret management (password, crypto seeds, etc,)
- Inheritance management
- Lawyer verification
- Post-mortem message
- Business contracts
- Personal diary and journal
- Personal albums

# Digital Vault System

## System Diagram




## Snapshots



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# Digital Vault System





JANE SMITH

Settings

Log Out

Contracts and agreements


Legal documents, wills, deeds, and powers of attorney


Main Menu


Log Out

## CONTRACTS AND AGREEMENTS


Select All 0 selected items

☐  Doc\_1

☐  Doc\_2

☐  Doc\_3

Upload +



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Settings

Log Out

Inheritors

List of heirs









Legacy

Main Menu

Log Out

## INHERITORS

Add +

<input type="checkbox"/>	BENEFICIARY	EMAIL	PHONE NUMBER	ADDRESS	ACTIONS
<input type="checkbox"/>	 Morgan Caldwell	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Brian Powers	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Melissa Barnett	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Jane Smith	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Morgan Caldwell	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Brian Powers	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Brian Powers	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>
<input type="checkbox"/>	 Jane Smith	j.smith@gmail.com	+ 1188 000 714	4400 Eden Drive	<span>⋮</span> <span>/</span> <span>🔒</span>

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