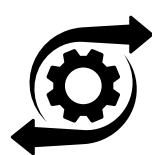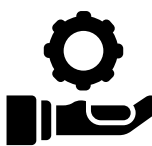# FamilyTies

THE PROBLEM

- Users struggle to visualize complex family relationships (e.g. siblings, multiple spouses, generations)

- Existing tools often lack dynamic editing or cloud-based image integration

- Manual free drawing is time consuming and prime to errors

- Need for an ethical, secure, and user friendly genealogy platform

Welcome to your new tree! 🎉
How would you like to begin?

Start from scratch   or   Import GEDCOM file

THE PROCESS

- Agile workflow across 4 sprints

- Used React: PostgreSQL, AWS S3, Next.js and React Flow

- Major milestones:
-
    - Rebuilt tree layout logic from scratch

    - Added GEDCOM import

    - Implemented image upload + edit features

    - Integrated batch queries (50s -> 3s load time)

John
DOE
Unverified

Info   Gallery   Notes

General Information

Gender
Male

Birth
20 Jul 1995
Place of Birth Unknown

Death
Alive

Tags

Relationships

Parents

Children
Davie Joe
Emma Joe

Welcome to your new tree! 🎉
Let's Get Started

Firstname *   Middlename
Firstname   Middlenam

Lastname *
Lastname

Gender
Select gender

Date of Birth *   Date of Death
dd/mm/yyyy   dd/mm/yyyy

Profile Image
Choose file No file chosen

Add your first person! 👥

THE SOLUTION

- A secure, interactive genealogy platform

- Auto-positioned nodes
-
- Live editing: names, dates, notes, tags, images, etc.

- GEDCOM file support + S3 Image management

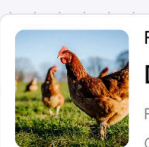- Fully deployed and documented

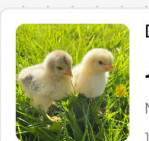FamilyTies   MyTree   Resources   Account

John
DOE
Male
20 Jul 1995 - Alive

Frely
DOE
Female
01 Sep 1989 - Alive

Emma
JOE
Female
21 Aug 2009 - Alive

Davie
JOE
Male
15 Jul 2003 - Alive

COREY SANTAROSSA   MARCO GIACOPPO   NICK WIJAYA   VIVEK SAINI   RUPAYAN BANERJEE   LEVIN FUBEX