

# My Family Tree From Roots to Crown

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<https://github.com/Jan-23-Liftoff-KC/team-michael-group-repo>

# Description

This tool is meant to be an accessible way to keep track of one's family history, a space to collaborate with family members and share joy. One of our team wanted to build this for his Mom so she could have an organized place for her information.



# Features

- Create a secure account for logging into the site
- Add a person and their biographical details to your family
- View a graphical representation of the connected family tree
- Search the database for specific people



# Planning - User Stories

As a **new user**, I want to **register** so that I can **use the website**.

As a **registered user**, I want to **start a new tree** so that I can **enter my family history**.

As a **registered user**, I want to **search the site** so that I can **find someone**.



# Planning - Database

There are two tables in the database.

1. User table stores the username and encrypted password
2. Person table holds the person's biography (name, date of birth, anniversary date and others, a picture, and stories about the person)



# Technology Stack

- Languages are Java, JavaScript, HTML, CSS...
- Framework is Spring Boot
- Template engine is Thymeleaf
- Database engine is MySQL
- Bootstrap and custom CSS/HTML for visual organization
- Data Driven Documents (D3.js) for tree visualization



# Demo



# What We Learned

- Wireframing in Figma
- Project management in Trello
- Version control using feature branches
- How to build the tree with Data Driven Documents (D3.js)
- To better understand Spring Boot and Spring Security
- How to deploy the program and database





## Backlog

Add Tests



Task

Roles



Task

Tree View v4

0/2

Future feature

Output tree as PDF

Future feature

Forum feature

0/1

Important Dates for family



Notification Feature



In tree.js, depending on which user is logged in, grab the appropriate Persons using treeld property

build feature for user to change password

Pick license for GitHub repo

Build profile building feature

Build upload feature (requires storage?)

Build a "recent updates" page

+ Add a card

## Epics

Epic

ESCAPE ROOM



DK

ES

TT

Epic

Role Access Management (13)



1

2/6

DK

TT

Epic

Family Tree Feature (13)



4/4

TT

Epic

Person View Feature (5)



3/3

DK

ES

Epic

Add Person (13)



2/2

DK

ES

+ Add a card

## To Do

+ Add a card

## In Progress

Task

Deploy!



2

0/1

DK

ES

TT

Task

Finishing Person



1/3

ES

Task

Search Page



DK

Task

Add Person Page



DK

Task

Person View Page



DK

+ Add a card

## Review

+ Add a card

## Done

User Stories - Link in description



1

DK

Pick a name



2

DK

ES

TT

Task

User login and validation



1

6/6

TT

Task

Home View Feature



3

4/4

DK

ES

Task

Design Tree View v1



1

7/7

Task

Tree View v3



8/8

Task

Add Person Controller



3

2/2

ES

Task

Add Person Form - Additional Fields



11/11

ES

Task

Person Search Feature






























DK

Task

+ Add a card



✕ Clear current search query, filters, and sorts

<input type="checkbox"/>	 0 Open	<input checked="" type="checkbox"/> 28 Closed	Author ▾	Label ▾	Projects ▾	Milestones ▾	Reviews ▾	Assignee ▾	Sort ▾
<input type="checkbox"/>		<b>dates can be updated</b>	#28 by spraded was closed 11 hours ago • Review required						 3
<input type="checkbox"/>		<b>Tree view v3</b>	#27 by gvalencia4 was merged 11 hours ago • Approved						 1
<input type="checkbox"/>		<b>Css branch v1</b>	#26 by dkelsey526 was merged 2 days ago • Approved						 1
<input type="checkbox"/>		<b>Search v3</b>	#25 by dkelsey526 was closed 2 days ago • Changes requested						 1
<input type="checkbox"/>		<b>Added Favicon</b>	#24 by gvalencia4 was merged 3 days ago • Approved						 1
<input type="checkbox"/>		<b>Update person</b>	#23 by spraded was merged 3 days ago • Approved						 3
<input type="checkbox"/>		<b>Tree View v2 (but really Tree Data too)</b>	#22 by gvalencia4 was merged 5 days ago • Approved						 1
<input type="checkbox"/>		<b>new search feature added to most recent main as of 02-23-23</b>	#21 by dkelsey526 was closed 2 days ago • Review required						 4
<input type="checkbox"/>		<b>Fix footer</b>	#20 by gvalencia4 was merged last week • Approved						 1
<input type="checkbox"/>		<b>Tree nav</b>	#19 by FadirTorcer was merged last week • Approved						 1
<input type="checkbox"/>		<b>Search v1</b>	#18 by dkelsey526 was closed 2 days ago • Review required						 2
<input type="checkbox"/>		<b>Additional Fields to Person</b>	#17 by spraded was merged last week • Approved						 2
<input type="checkbox"/>		<b>Updated readme to reflect our progress</b>							 1



# What's Next

- Add functionality for multiple family trees and their separate use
- Print the displayed family tree to PDF
- Incorporate location information, show family migration on a map
- Defining user roles
- Forum for communicating between users and sharing stories



# Just in case




Family Tree LiftOff Project - Go...X

Log In


localhost:8080/login

☆

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1-2-FamilyTree.com  
From Roots to Crown



Welcome!

Let's Get Planting!

1-2-Family Tree

From Roots to Crown

testAccount


.....

LOG IN

Don't have an account?  
[REGISTER](#)



1-2-FamilyTree.com  
From Roots to Crown




Family Tree LiftOff Project - Google

Family Tree Home

localhost:8080


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1-2-FamilyTree.com  
From Roots to Crown

HOMEFAMILY TREESearchMY FAMILYADD PERSON

LOG OUT



# Plant Your Roots!

## Easy as 1-2-Tree...

### 1-2-Family Tree

From Roots to Crown

START A TREE

It can be hard organize your family history. We can help you manage your memories.

START A TREE

LET'S FIND SOMEONE

Looking for someone in particular?  
Do a Search! let's see what we come up with!

SEARCH

VIEW MY TREE

Let's see who's on your tree! See if your tree has grown!

VIEW MY TREE

A FAMILY HISTORY IS A PRIVILEGE

We want to acknowledge that while it can be fun and meaningful to trace your roots back through time, there are many among us who cannot join in the practice. Whether due to enslavement, forces of nature, foster families or adoption, sometimes this journey isn't possible.



Family Tree LiftOff Project - Go...X

Add Person

localhost:8080/person/add

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First Name

Middle Name

Last Name

Select your Gender Identity 

Prefer not to say

Birthdate

mm / dd / yyyy

Graduation

mm / dd / yyyy

Union Date

mm / dd / yyyy

Death Date

mm / dd / yyyy

Biography

Memories

Add Profile Picture

Browse...

No file selected.

Relationships: Add Family Members

Child 

Please Select





Family Tree LiftOff Project - Go...X

My Family


localhost:8080/person

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1-2-FamilyTree.com  
From Roots to Crown

HOMEFAMILY TREESearchMY FAMILYAdd Person

LOG OUT



# My Family

## People in the Family

My Family

[John Smith](#)

[Jane Smith](#)

[Bob Smith](#)

[George Smith](#)


[Martha Smith](#)

[Georgina Smith](#)

Add Person

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Family Tree LiftOff Project - Go...X

My Family Tree

localhost:8080/tree

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HOMEFAMILY TREESearchMY FAMILYADD PERSONLOG OUT

# My Tree

## My Family Tree

```
graph TD; Georgina[Georgina Smith  
Born: 1/27/2022  
Died: 3/1/2023] --- George[George Smith  
Born: 2/1/2023  
Died: NA]; Georgina --- Martha[Martha Smith  
Born: 2/2/2023  
Died: NA]; George --- John[John Smith  
Born: 3/1/2023  
Died: NA]; Martha --- Jane[Jane Smith  
Born: 2/28/2023  
Died: NA]; John --- Bob[Bob Smith  
Born: 3/1/2023  
Died: NA]; Jane --- Bob;
```

Zoom In +

Zoom Out -

Reset View

Pan Up

Pan Down

Pan Left

Pan Right

Add Person




Family Tree LiftOff Project - Go...X

Search Results : Georg


localhost:8080/search/results

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From Roots to Crown

HOMEFAMILY TREESearchMY FAMILYADD PERSONLOG OUT



# Search

## Looking for someone in the Family?

### Search Results : Georg

Please type First or Last Name

Search

Person: [George Smith](#)

Birth Date: [02/01/2023](#)

Death Date:

Person: [Georgina Smith](#)

Birth Date: [12/07/2022](#)

Death Date: [03/01/2023](#)

