

Individual Work Log

PROJECT NAME:	Genealogy Application / Website		
STUDENT NAME:	Marco Giacoppo		
STUDENT ID:	104071453	WEEK # (& dates covered):	Week 7 (14/04/2025 – 18/04/2025)

TASKS	STATUS	TIME SPENT	ACTION ITEM/NOTE
Meeting with supervisor	Completed	30 minutes	
Attended the lecture	Completed	1 hour	
Team Meeting	Completed	2 hours	
Tried changing the tree structure (card placement)	Completed	2 hours	No success in changing card layout, but nodes still functioned fully
Side panel edits (date pickers added)	Completed	2 hours	Implemented start/end date input with DatePickerInput
Backend delete functionality	Completed	1 hour	Fixed deletion of newly added entries
Debugged person tags issue	Completed	1 hours	Issues caused by tags being sent as JSON object instead of an array
Fixed confidence bug affecting tags	Completed	3 hours 30 minutes	Tags disappeared when saving confidence, after much trial, both now sync correctly

Debugged image upload issue	Completed	5 hours 30 minutes	Had this problem because of my branch and how git was acting. Turns out there was a problem with my git that didn't allow me to get the newest commits. After being able to get the latest update from the main branch, needed to fix some codes up because of the differences and caused conflicts. Problem mainly caused by nested route.js file structure confusion.
Updated Add Person form logic	Completed	1 hour	Adjusted sync between input fields, DB, side panel, and PersonTabs
TOTAL WEEKLY TIME SPENT		19 hours 30 minutes	

TASKS PLANNED FOR NEXT WEEK	EXPECTED COMPLETION
Begin refining auto-layout logic to prevent node overlap	End of Week 8
Optimize tag and confidence syncing across refresh	End of Week 8
Implement generation-based vertical spacing algorithm	End of Week 8

Possibly redesign file naming to reduce route.js confusion	End of Week 8
Fix relationship issue where a child only has 1 single parent when there's supposed to be 2 because mom and dad are already connected as spouse	End of Week 9

Summary/weekly reflection for Week #:

- Successfully made the side panel fully editable including date fields
- Debugged and fixed issues with tags and confidence syncing
- Solved image upload errors caused by misconfigured route files
- Updated Add Person input logic
- Small data structure issues (e.g. JSON object vs array) can break larger flows
- Component interaction requires careful syncing
- Debugging complex systems takes time but brings rewarding insights when solved