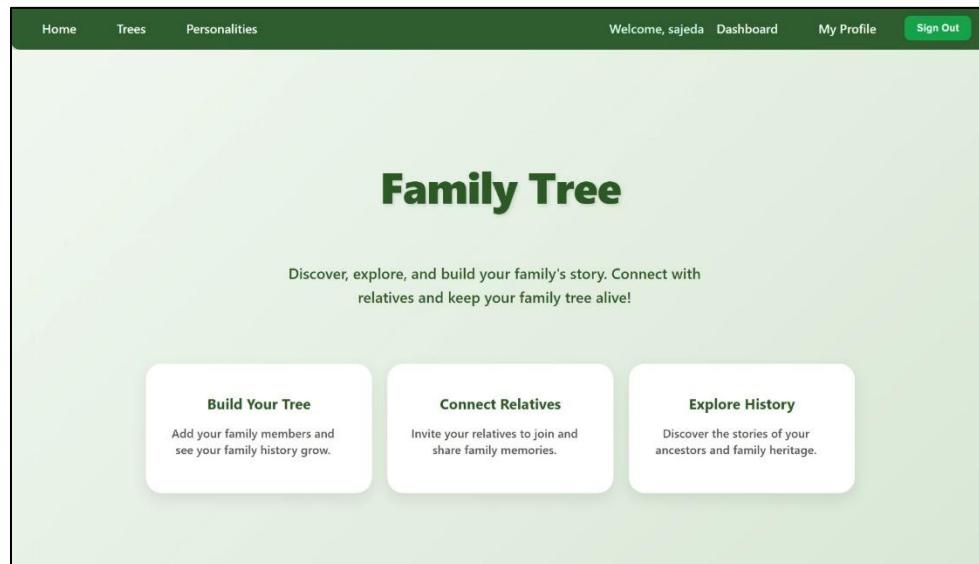


Project 3 (Family Tree Application)

Screenshot/Logo :

Landing page:



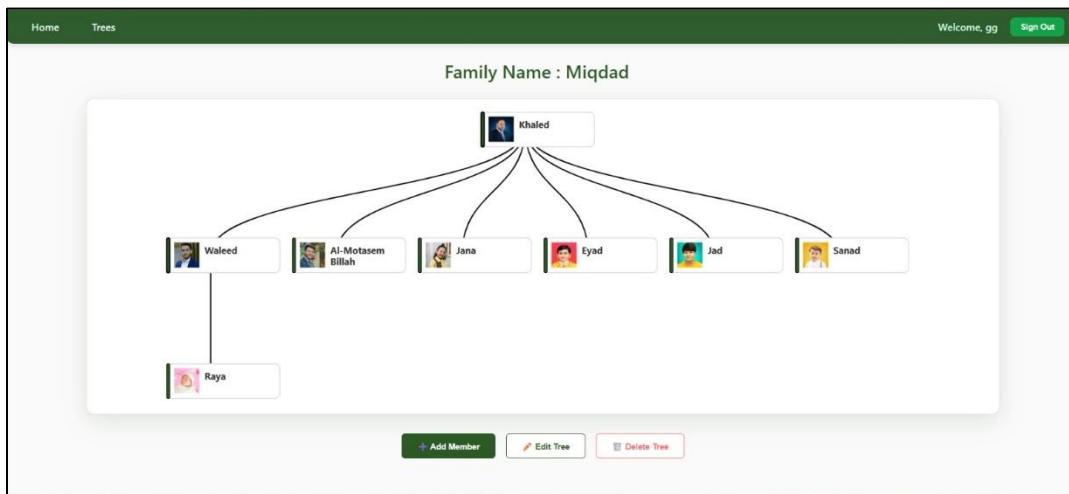
The landing page features a dark green header with navigation links: Home, Trees, Personalities, Welcome, sajeda, Dashboard, My Profile, and Sign Out. The main title "Family Tree" is centered in large, bold, white font. Below it is a subtitle: "Discover, explore, and build your family's story. Connect with relatives and keep your family tree alive!". Three call-to-action buttons are displayed: "Build Your Tree" (Add your family members and see your family history grow.), "Connect Relatives" (Invite your relatives to join and share family memories.), and "Explore History" (Discover the stories of your ancestors and family heritage.).

Dashboard :



The dashboard features a dark green header with the same navigation links as the landing page. A welcome message "Welcome, sajeda!" is displayed in large, bold, white font. Below it is a subtitle: "Here's a quick overview of your Family Trees." Three summary cards are shown: "Total Trees" (3), "Total Members" (24), and a button "Add New Tree" (Create a new family tree). A section titled "Recently Added Trees" lists three families: Sanchez Dujota Family, Miqdad Family, and Eng.Duck Family.

A Tree:



A profile page :

The screenshot shows a profile editing page titled 'Edit Your Profile'. The user's name is 'sajeda'. The bio is 'Beautiful Chemical Engineering'. The personality type is 'ENTJ'. The avatar URL is 'https://copilot.microsoft.com/lh/id/BC0.9f64c39f-c82a-464c-ac31-7c17c1109db0.png'. There is a large green 'Update' button. Below the form, there is a preview section showing the user's profile picture (a cartoon penguin), the name 'sajeda', the bio 'Bio: Beautiful Chemical Engineering', and the personality type 'Personality: ENTJ'.

App's name:

Family Tree Application.

The website allows users to create a family tree consisting of a group of members ("Grandparents", "Parents", "Son", "Daughter"). If the user is a member, he is allowed to view all existing trees, edit , and delete them. Members can also view all members within a single tree, edit their information, and delete them. However, if the user is not a member, they will only be able to view the available data.

Getting started:

Link to the planning materials:

"C:\Users\Asus\code\ga\projects\Family-Tree_Frontend\src\assets\family tree ERD.jpeg"

Link to the back-end repository : (<https://github.com/SajedaHussain/Family-Tree-Backend/tree/main>)

Link to the front-end repository :(https://github.com/SajedaHussain/Family-Tree_Frontend.git)

Attributions:

external resources such as libraries or assets.

- libraries used :

- react-d3-tree
- sweetalert2

Technologies used:

- JavaScript.
- HTML.
- CSS .
- JSC.
- JSX
- Google Gemini

Next steps:

Planned future enhancements :

- If we had more time, we would add colors to the node borders — pink for girls and blue for boys — and make twin nodes connected together.
- Add a search bar for finding the family trees easier .
- Using API to get the information for different personality type.