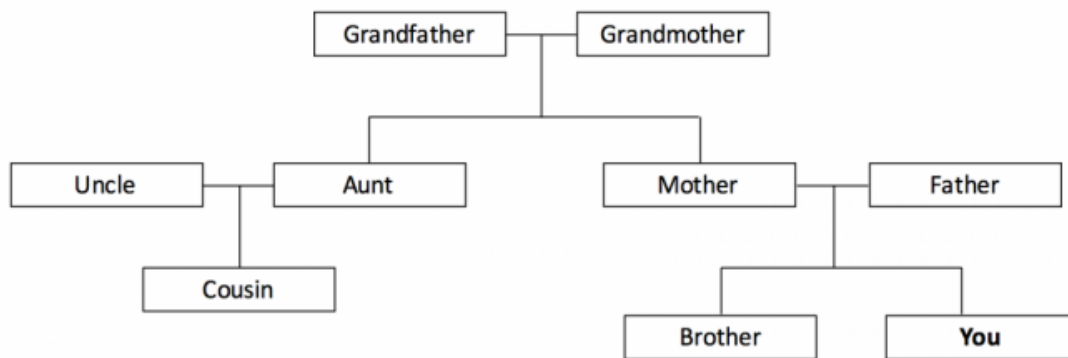# Fullstack Test

Definition

A family tree is a graph that shows the relationships between the different members of a family, especially over a long period of time.

Here is an example about a family tree.

Objective:

Implement a web application to generate a family tree.

Requirements:

We need you to create the application with the following specs.

- Create a dynamic family tree, with the feature of adding N family members.
- Each family member needs a description, age and image.
- Create an order list of the family members based on its name alphabetically.
- The family tree has to be able to know the second oldest family member.
- The family tree has to be able to know the path between two family members.

Technical requirements:

- Modeling and implementing database design over a relational database or not relational database (diagram is required).
- It is required to implement an application with microservice architecture using spring-boot 2.
- Using Angular 10.X or react 17.X to implement the front.
- The front has to be responsive design.
- Incorporating DEVOPS in the processing of development.
- Documentation of each artifact is required.
- Each artifact must be containerized using docker.
- Use of design patterns is required in back and front development.

Upload your project to Github and add the user **carloscuaya** as a collaborator