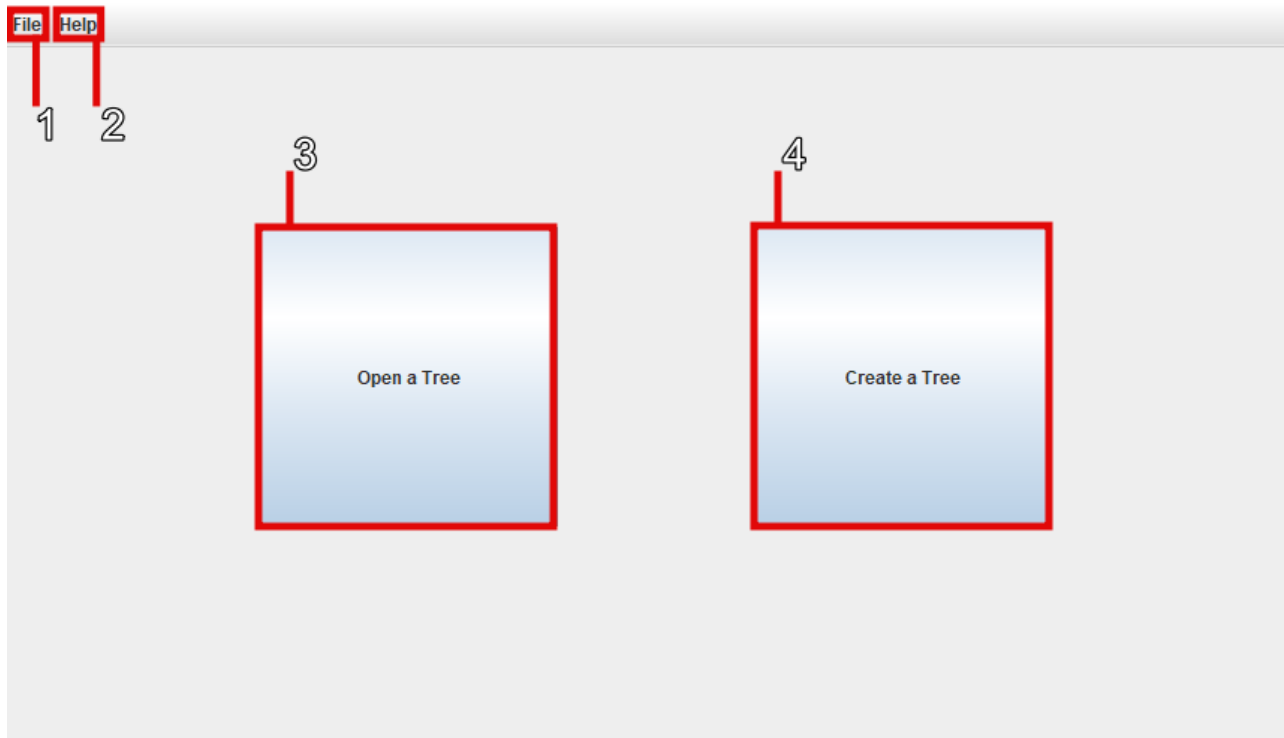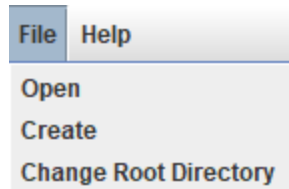# Family Tree Generator

Description

Family Tree Generator is a software designed to create and visualize family trees.

Main Menu

1. File Menu
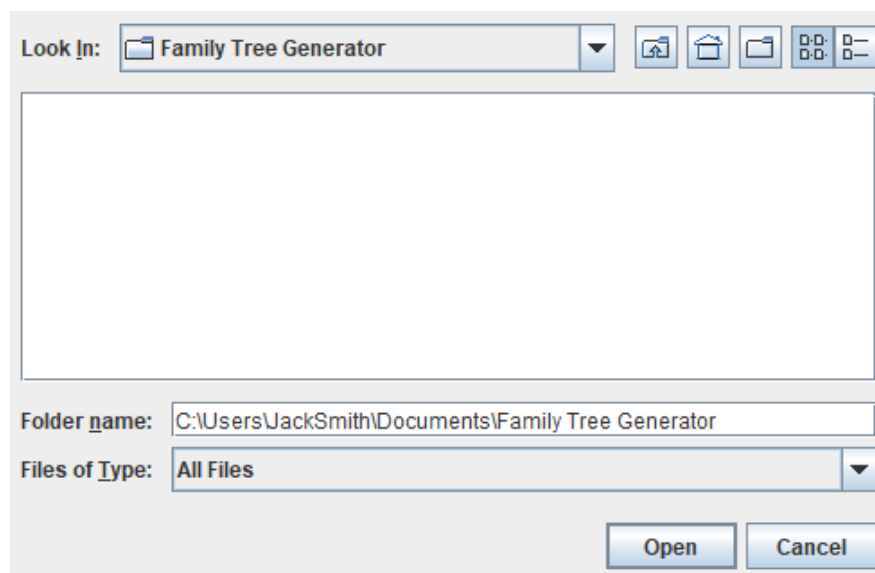2. Help Menu
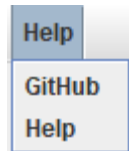3. Open Tree button
4. Create a Tree button

File Menu

In the file menu there are three options as seen from the image above. These options are "**Open", "Create"** and **"Change Root Directory".** Users can click on the first option "Open" to open a previously saved tree file. By default, these files are located under your Documents folder, in the "**Family Tree Generator"** file. For more information on opening tree files, you can check the "Open a Tree button" section.

The second option labeled "Create" is for creating a family tree. Users can click on this to create a family tree of their family. After clicking on this, users will be forwarded to the "Create Tree" frame. For more information on creating trees, you can check the "Create a Tree button" section.

The third option labeled "Change Root Directory" is for changing the default file path of the exported trees. If users want to store their tree files on another path, they can click on this button. Once clicked, "Please select a directory" frame will pop up. Users can choose another file from this frame and click the open button. After, the default tree file path will be changed.
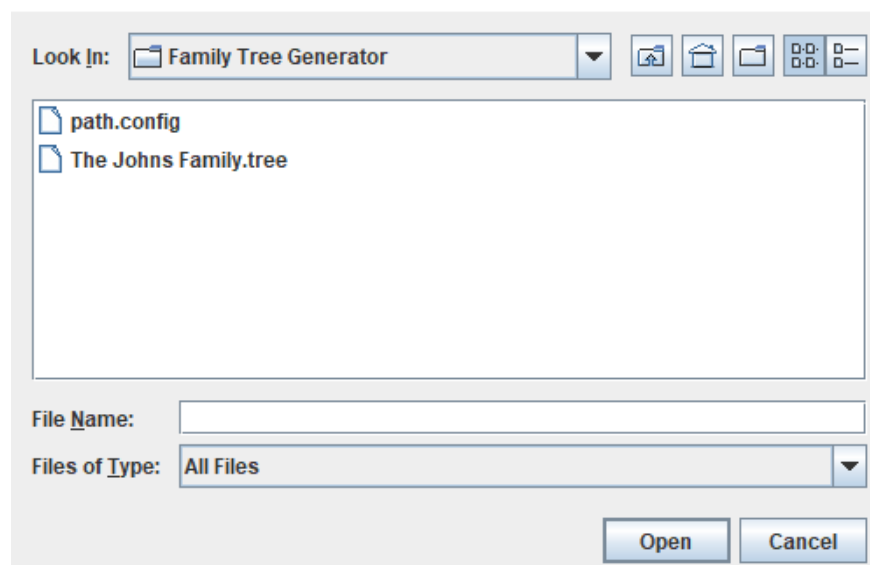
Help Menu

In the help menu there are two options as seen from the image above. These options are labeled **"GitHub"** and **"Help"**. The first option called "GitHub" forwards the users to the GitHub repository of this project. Users can see the development of the project, as well as ask the developers questions about the software. The second option labeled "Help" opens this document.
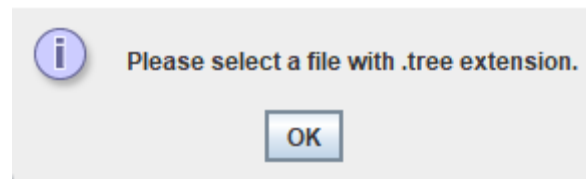
Open a Tree button

Open a tree button is a button placed on the main menu. Users can click on this button to open previously saved tree files. Once clicked, "Please Select a .tree File" frame will pop up.

Unless the default directory is changed, the tree files, with the extension ".tree", are located in the Family Three Generator file in Documents. Users can select the tree file they wish to view, and click "Open".
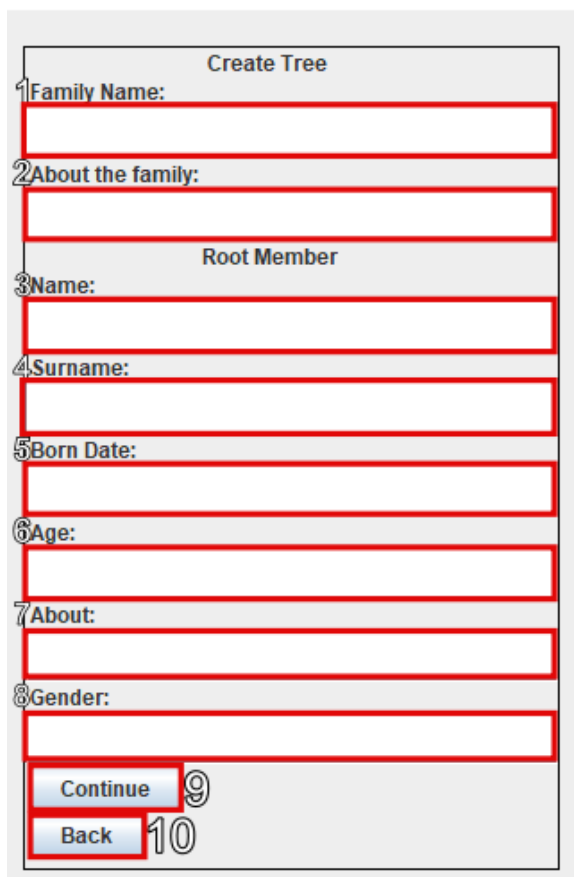
If the selected file is not a tree file, an error frame will pop up stating this issue, as seen from the image below.

After the tree file is selected, users can view the family tree.

Create a Tree Button

Create a tree button is a button placed on the main menu. Users can click on this button to create new family trees. Once clicked, "Create a Tree" frame will pop up as seen from the image below.

On create a tree frame, users are asked to fill out the necessary information. These are:

1) Family Name: The name of your family.
2) About the Family: Some extra information that users might want to add to the tree file.
3) Name: Name of the root member being added.
4) Surname: Surname of the root member being added.
5) Born Date: Born date of the root member.
6) Age: Age of the root member
7) About: Extra information about the root member
8) Gender: Gender of the root member
9) Continue Button: Continue
10) Back Button: Back

Image below is an example of what the create tree frame should look like once all the information are provided.

Create Tree	
Family Name:	
The Johns Family	
About the family:	
The Johns family consists of three members.	
Root Member	
Name:	
Davis	
Surname:	
Johns	
Born Date:	
03.01.1963	
Age:	
59	
About:	
Davis is the first Johns to go to college.	
Gender (Please enter 'Male' or 'Female'):	
Male	

Continue

Back

Once the continue button is clicked, users will be forwarded to the family member adding frame.

		Davis Johns - 1
Name:		
Surname:		
Age:		
Born Date:		
About:		
Gender (Please enter 'Male' or 'Fe...		
Add as a child	Add as a partner	
Edit selected member	Confirm the tree	

In this part users will enter the information of the family member they are currently adding. Just like the previous part, all the information will be written in the corresponding text boxes. After that, users will use the buttons below to add a member into the family tree.

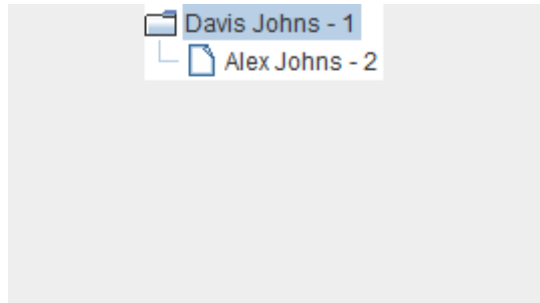|	
Name:	Alex
Surname:	Johns
Age:	12
Born Date:	10.01.2010
About:	Alex has bright blue eyes.
Gender (Please enter 'Male' or 'Fe...	Male
Add as a child	Add as a partner
Edit selected member	Confirm the tree

Davis Johns - 1

After the information is written in the text boxes, before clicking on any of the buttons below, make sure you selected the member which you want to add the new member. You can select the member by clicking their name on the right panel.

Name:	Alex
Surname:	Johns
Age:	12
Born Date:	10.01.2010
About:	Alex has bright blue eyes.
Gender (Please enter 'Male' or 'Fe...	Male
Add as a child	Add as a partner
Edit selected member	Confirm the tree

Davis Johns - 1

The selected member Highlighted in blue

Click on the button to add the new member to the family tree

The new member you have entered is now located on the family tree.

If you need help with our software, make sure to reach us out using our GitHub. You can reach our GitHub from the Help Menu.