**FUNCTIONAL**

User(s) should be able to create a blank family tree.

User(s) should be able to edit family trees.

User(s) should be able to import and export family trees using the JSON file format.

User(s) should also be able to export a picture of the family tree in PNG file format.

User(s) shall be able to search family members by filter.

User(s) should be warned if they're trying to delete a family member who has descendants.

User(s) should be able to undo/redo the changes made in the current session.

User(s) should be able to see a family member's data in split view.

Program should be able to highlight the changes made in the current session after saving.

Program should keep a log file of changes made in each family tree as a txt file.

Program should provide a tabbed view in the case of opening multiple files.

Program should warn the user if a file user is trying to open is corrupted.

Program should keep and list recent files.

Program should keep the latest changes as a draft if user closes the program without saving.

**NON-FUNCTIONAL**

This program supports Windows 10 assuming the system has JRE installed.

During the setup, program's executable file should be set to run as administrator due to avoid any problems that could occur because of the installation directory.

User(s) should be able to switch display language without having the need to restart the program.