Implementation of early scheduled plan

1. Separate all method in all classes and identifying functionality of methods. Based on that I have separated the method in each class.
2. Setup of database schema in local data base.
3. Add relationship between tables and started implementing the algorithm which was designed earlier for person and tree.
4. Add method of add person and add attributes of person. That same method applied for file as well.
5. Add relationship of primary key and foreign key in each table.
6. Work on creating robust schema of each table of person and file which is setup in local database of Mysql.
7. Prepared the detailed algorithm and workflow of each method in person and file-based functionality and started implementing in code.
8. I have worked on detailed algorithm of relationship between person and write pseudo code in paper. In addition, work on it to improve it as much as I could.
9. Prepare the criteria of validation of method and database functionality and have it documented so that after that I can directly start implementing it in short time.
10. Also prepare test cases for some method and documented it.
11. I have started implementing all the documenting content in code and started solving the run time errors of it and have also made in algorithm designed back while designing it.
12. Rectifying the errors in algorithm while implementing in the code.

- Also need to change the database structure because of algorithm failed at some crucial point. To be specific, needed to change the relationship finding algorithm failed at point of multiple parents, so that need to change it for multiple parents of single children.
- Add other genealogy class so that all method should be reassigned to each class and have done it.

Working on pending task

1. Complete the person's functionality
2. Complete the file's functionality
3. Complete reporting functionality

4. Combine all functionality
5. Add and modify some methods because of some outputs
6. Apply validation in all methods
7. Check the code standards and design
8. Update and modify the coding style and regulations
9. Find the error by white box test
10. Find the error by black box test
11. Update the code due to errors
12. Work on time complexity
13. Work on space complexity
14. Apply and check code reusability
15. Apply final Test case
16. Final code review and final commit

- I'll push the code accordingly in git to track the whole update of code for receiver.

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