

PROJECT MILESTONE 4

Progress report and current progress on the plan

Feature Development plan

Date	Features	Previous plan	Current progress
15/11/2021	Initial structure [Building data structure]	Start off by building the basic structure of the code and implementing and building custom Abstract data structures to store info.	Completed with basic initial structures with main classes and data structure with end goal of family tree traversal and aspired results in mind.
17/11/2021	Core Fundamental features and algorithms. [Building and identifying relations between individuals]	Finalizing the working of implemented data structure to store information about individual person identity and also aligning the approach with building and identifying relations between individuals	Completed basic data structures , class and basic functionalities.
18/11/2021		Traversing from an individual person or point in the data structure to other generations to identify and comparatively track the relation between individuals.	Pending as of yet, instead started off with building and understanding data base design and normalization.

24/11/2021		Testing out the specific set of cases to completely cover all the conditionals and implement changes to the structure and logic to algorithm if any required.	Pending as of now, not yet completed, planning to work on it by dec 2nd.
26/11/2021	Data base connectivity	Building data base connectivity and testing and building out media storage features.	Pending as of now, not yet completed, planning to start on dec 1 st
27/11/2021	Git Submission	Pushing of the code into the repository	Only the basic version is submitted, pending as of now, not yet completed
29/11/2021	Unit testing and bug fixing	Testing out the code coving all cases to identify any missed flows, conditionals and correcting and revising logic for the same.	Not yet completed, new plan is on complete it by DEC 6 th
4/12/2021	Junit test cases and documentation	Testing end to end and documenting all the algorithms and data structures.	Not yet completed, new plan is on complete it by DEC 10 th

The approach of starting off with the logic caused many problems started a new approach by designing the table and the data base, normalized it based on which the data will be less redundant, easily updatable and maintainable.