

Name Team :

1. Khoirul Adib
2. Muhammad Zayyan Mubarak

Changes Made:

1. Introduction of Abstract Class Rearranged the structure of the EdgeConvertFileParser class into an abstract class, separating the file parsing functions into concrete classes such as EdgeFileParser and SaveFileParser.
2. Creation of FileParser Class Added an abstract class FileParser to handle basic file opening and closing operations, defining the abstract method parseFile() to be implemented by concrete file parser classes.
3. Parsing Task Division Delegated the responsibility of parsing .edg files to the EdgeFileParser class and .sav files to the SaveFileParser class. This enhances code readability and maintainability.
4. Separation of Parsing Logic and Connection Resolution Introduced the resolveConnectors() method in the EdgeFileParser class to handle the identification of connector endpoint properties. This improves cohesion and separates parsing responsibilities.

Bugs Fixed:

1. Duplicate Table Name Handling Fixed a bug that caused the program to not handle tables with the same name properly in .edg files.
2. Composite Attribute Handling: Fixed a bug that prevented the program from handling composite attributes in .edg files.

Challenges and Failures:

1. Save File Parsing Complexity Encountering difficulties in understanding and managing the complexity of parsing .sav files. Initial steps have been taken, but further work is needed for handling more complex cases.
2. Unresolved Unit Test Issues Some unit tests still fail due to changes in the class structure. Efforts have been made to fix them, but some tests require a more detailed approach and additional time.
3. Unable to Provide the Requested MYSQL Output: Still unsuccessful in generating the requested MYSQL output due to ongoing challenges in refactoring the code, resulting in persistent error