The UML diagram shows the important components of the software. Most of the methods in the TypeFinder class were represented in the diagram since they drive the software during execution. The classes JavaRetriever, JavaFile, File, and FileMangaer are used to read files and get their contents so that we can parse the files. Because of that, it was essential to represent those. Multiset<T> was used to store the declarations and references found. Therefore, the TypeVisitor class depends on it. We Did not include all the methods for the TypeVisitor. The abstracted details were only supporting features that did not aid in the understanding of the functionality. As for visit (node : ) : boolean, the formatting was done this way due to the multiple overridden methods with different parameter types, such as SingleVariableDecleration, TypeDecleration...etc. like the rest only the key components of the ASTParser, AST, ASTVistor, ASTNode were maintained in the Uml Diagram. Everything that did not aid or was none essential in understanding the relationships between the TypeFinder and the AST parser was left out.