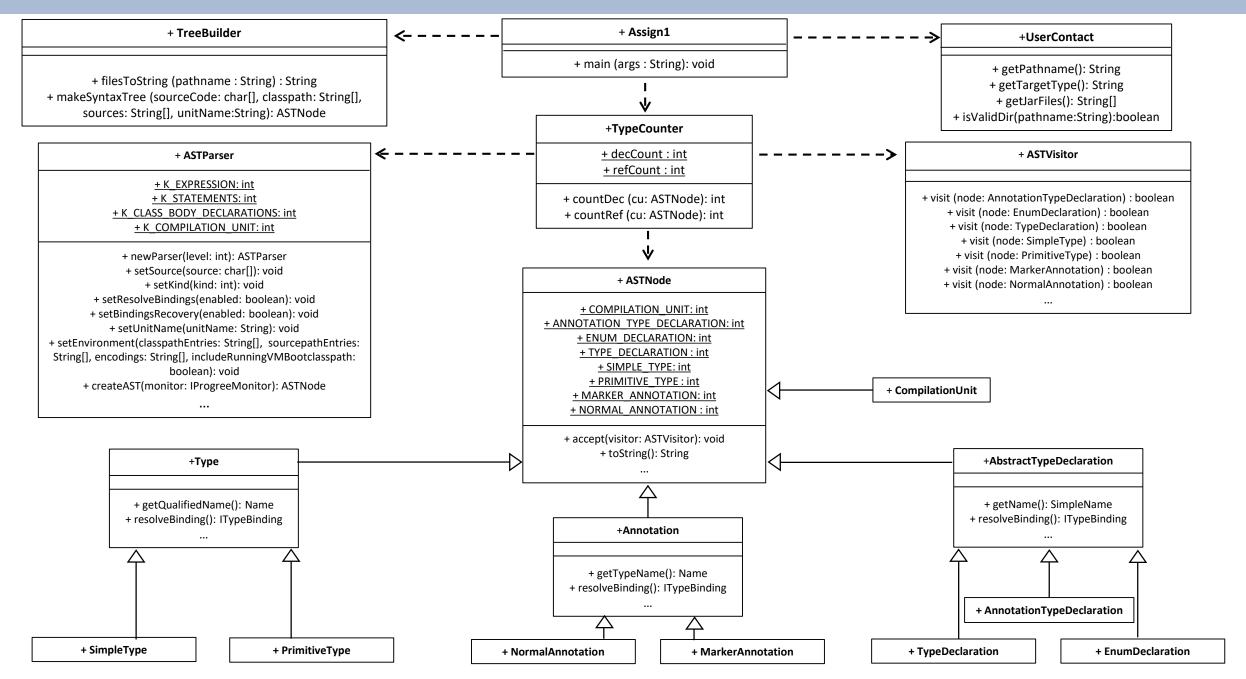
Group Assignment – Iteration 1 Models SENG 300: T01

Ahmed Hasan (30020609) Zhi Chau Dou (30023286) Teale Masrani (30000053) The following three diagrams are abstracted models of the classes implemented by Teale, Zhi, and Ahmed, for the SENG300 Group Project. Our code is highly involved with the Eclipse Java Development Tools (JDT), Domain Object Model (DOM) package.

The bulk of the classes in the JDT DOM package are for each syntactical aspect of java code (CharacterLiteral, SwitchCase, IfStatement, etc). However, the main classes from JDT DOM included in the structural diagram are the ASTParser, ASTNode, and ASTVisitor classes.

Only a handful of syntax-based classes that we directly use in our code are included: SimpleType, PrimitiveType, NormalAnnotation, MarkerAnnotation, TypeDeclaration, EnumDeclaration, AnnotationTypeDeclaration, and CompilerUnit. Additionally, only the JDT DOM methods that are directly called from our code are included in the structural diagram.

Structural Diagram



Sequence Diagram

