TO DEVELOP A CLASS DIAGRAM GENERATION TOOL WITH REVERSE ENGINEERING STUDIES

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ABSTRACT

This tool is a tool which can generate UML class diagram according to Java class (*.class) which are imported into the tool by users. This tool is user friendly and convenient for users to get UML class diagrams from the source code. Nowadays, system developers in software houses would normally skip diagramming phase and go straight to coding phase. Then, when comes to producing documentation, they would face problem to produce standard project documentation and they have to spend some time in re0studying the program source code and design documentation in order to produce UML diagram of the produced system. Therefore, this will take a lot of unnecessary time and might drag and agreed submission date. Furthermore, developers can also edit the diagrams that the tool generated to tailor their needs, for example, removing an attribute or method that developers do not want to show to the client. In addition, for system tester, they could use this tool to view UML class diagram of the system while doing white box testing to view the relationship among classes of no class diagram is provided in the system documentation.