**Report on “Rational Rose”**

It is basically an object-oriented UML software design tool intended for visual modeling and component construction of software applications. It is used for visually creating the framework for an application by blocking out classes with actors, use case elements, objects and relationships in a sequence diagram using drag-and-drop symbols. Rational Rose documents the diagram as it is being constructed and generates the code in the designer’s choice of C++, Visual Basic, Java, Oracle8 etc. Two popular features of Rational Rose are its ability to provide iterative development and round-trip engineering. Rational Rose is extensible, with downloadable add-ins and third-party partner applications.