Rational Rose:

Rational Rose is an object-oriented programming and unified modeling language tool for creating enterprise software applications and components. It creates a visual of the application model that is based on object-oriented principles.

***Implementation and Design Phase in ISE:***

Design and implementation is the process in software engineering where we develop the software in executable form.

**Design:**

Design is the activity in which we create the component and show the relation between them.

**Implementation:**

Implementation is the phase in which we analyze the design through the program.

**Open Source Development:**

Open source development is an approach in which we publish the source code of software and invite the volunteer in the development process.

The most popular open-source system is Linux.