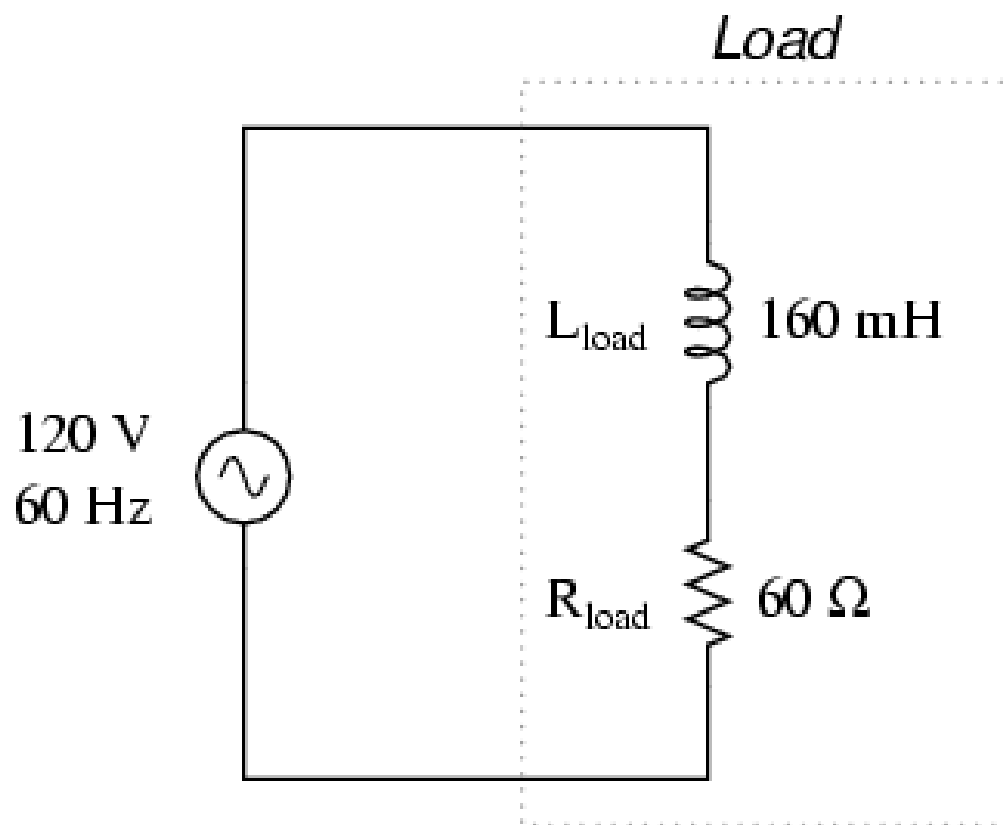# Software Specification Requirement Document

Assignment2-Circuit Solver

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This project is a circuit maker and solver. It draws the circuit based on the given input in its input file. If there is any error in the file, it will be specified in the terminal along with the line number in which the error is made. The output image is shown in the browser.

1 Features:

The SVG image shown in the browser can be enlarged to a great extend without getting blurred. Also a thumbail is shown on the left bottom which help you to locate yourself in the image. Some button are also provided at the right bottom to Enlarge, diminish and reset the image. You can also move across the image just by moving the mouse.

2 Required Software and libraries:

1. Flex-Needed for the lexical analysis of the input. Can be installed on linux by (sudo apt-get install flex)
2. BISON- Needed to generate context free language of the parser. Can be installed on the linux by (sudo apt-get install bison)
3. C++- Latest GNU complier
4. Browser-(Mozilla Firefox preffered)

3 Caution:

1. Some errors are faced using chrome to open the Circuit.html as chrome browser shows only one frame at a time.(prefer only mozilla)
2. If Mozilla Firefox failed to zoom the image, please reload the frame.
3. Please ensure that you have flash player extension enabled.