

**Assignment 2**  
**AC Circuit Solver**  
**Software Requirement Specification**

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## **1 Overall Description**

The software is made to display the circuit and find the voltage and current across each and every component using the given SPICE NETLIST format(AC Circuit).

## **2 Software specification**

- When you give your netlist format as input then it will check that the given netlist is valid or not using regex and generate the desired circuit as SVG.
- The voltage and current across each components can be checked by just clicking the component on the SVG.

## **3 Additional Features**

- The SVG formed can be zoomed in or zoomed out using onscreen button.