ESS (Electromechanical Systems Simulator) is used to design and analyse electromechanical control Systems. These systems are highly used in industry to control processes machines. Also there is a course which studied at collages, universities and technical schools related with electromechanical control systems.

Simulator is a program that behaves like a real system giving all responses of it. This simulator is developed for designing electromechanical systems, testing them and monitoring their behaviours.

User interface

Simulator have very simple interface. All buttons located at the top of the program. (Figure 1)
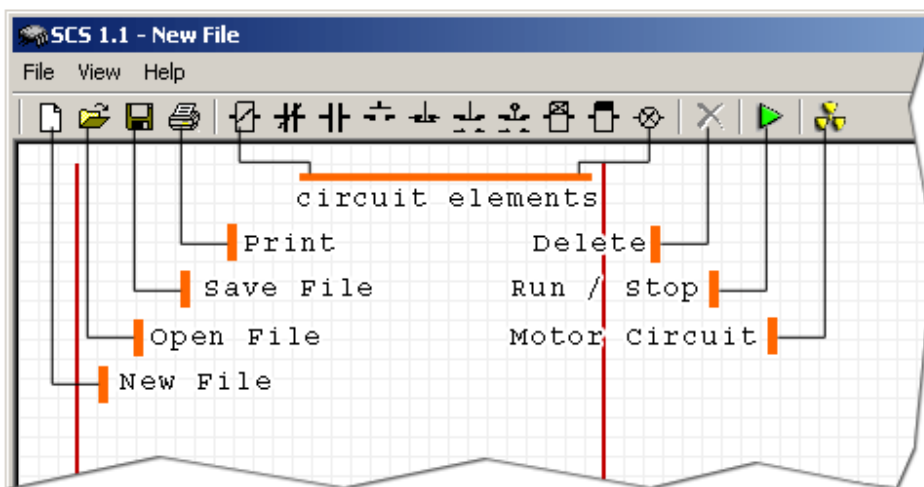

Figure 1: User interface

The work space is constructed in grid form so that drawing can be made more easily and smoothly. It contains of two red lines which represents electrical fuse and neutral fuse. Circuit is drawn between these lines inform of ladder diagram.

Program history

8 January 2005

- Renewed name of the program from "Sequential Control Simulator" to "Electromechanical Systems Simulator"
- Added future prompting to save changes before opening other file or closing program.
- Program interface and Help file converted to Turkish language
- Added tutorial for getting started easily
- Setup file created
- Some bugs in motor circuit corrected

June 2003

- Simulator was developed and presented as Graduation Project from Technical Education Faculty at Marmara University .
- Programs first release.

- # Info
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- **Simulator was published as Graduation project.**
- © Publication name: "ELEKTRIK KUMANDA TEKNIKLERI DERSI SIMULATÖR PROGRAMI TASARIMI"
  Publication date: 2002
  Place: Marmara University , Technical Education Faculty, department of Computer and Control Technologies, Istanbul , Turkiye.
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