User Manual for FSSS

Run the executable jar file. The following options will appear in the main window.

1. **Configure**

   This menu or button will allow the user to configure the software for simulation.

   Click "Configure" in the Main Window.

   In the window that appears first add the machine details with machine type, MTTF and quantity, then click "Add".

   Add the desired number of machines.

   Then add the adjuster details with id, number of adjuster machines they can repair and the time taken to repair them. You can add multiple machines for one type of adjuster by using the button "Add Another Machine Type". Add the desired number of Adjusters.

   Add the simulation time in the field.

   Click "Done" when finished adding.

2. **Normal Simulation**

   After using the configure option, click "Normal Simulation".

   The resulting window will contain the "Average Adjuster Utilization", "Average Machine Utilization" and the utilization of individual group of machines in percentage.

   The table is also exportable to excel file.

3. **Graphical Simulation**

   After setting up the configuration, the graphical simulation option can also be used. Click on the "Graphical Simulation".

   On the window that appears, the X parameter which is variable parameter can be selected, the Y parameter can be selected, and the variation range of the X parameter can be set.

   The X parameter lists the type of adjusters whose number can be varied.

   The Y parameter contains the average machine utilisation, average adjuster utilisation, and the utilisation of the individual machines.

   The "Draw Graph" option of this page will generate the graph which can even be printed using "Print Graph" button for your report and also the utilisation percentage table which can be exported to excel file using "Export to Excel" button