# Post Rig v.2.0 Issues

Date: 27/12/2018

1. Fix the response of the system calculation (Used same equation for higher damping ratio configuration).
2. Prompt user to save project while closing, if changes are made.
3. Have a default folder to save projects into and open projects out of.
4. Save and load cars separately into and out of a project.
5. For a given mass and spring value, have the option for the user to either enter damping ratio and get the damping coefficient or vice-versa.
6. Have practical not theoretical (academic) assumptions. Springs and dampers need to be described by physical dimensions.
7. Display the name of the car file being used.
8. Able to load and save simulation separately into a given project.
9. Simulation setup should be able to define a motion on the road or a force on the body or both.
10. Fix plotting errors.
11. Simulation should be able to generate Step, Ramp, Chirp and Harmonic signals.
12. Have physical limitations in defining input signal values.
13. Display name of the simulation setup file being used.
14. Spring and Damper force plots in Results are currently displaying force variation and not force.

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