

Spectra Language Feedback:

- **Improvements –**

- Triggers – loop iteration on triggers is not supported, therefore it is harder to use on array type variables.
- Syntax Errors – some syntax errors are not caught by spectra and error is not printed to the console (for example when we tried to write triggers in a loop form it did not show it as a syntax error and nothing was printed to the console).
- Manual guide – a richer manual guide with more information about patterns and triggers usage will be helpful for future projects.
- When the specification is not well separated with a large amount of assumption and triggers involved, it is difficult to deduce what is the problem.

- **Strengths –**

- Spectra gives you a rich variety of tools (patterns, predicates, triggers and more) to describe the mechanism you would like to create.
- The controller that is created from the spectra specification is easy to use while writing the UI for the simulation.
- When we encountered unrealizability, the unrealizable core feature was helpful and gave enough information to troubleshoot the issue.