

Chemistry Equilibrium Visualization: Requirements Checklist

Requirement Number	Requirement	Passed?
1	Automatic Mode, when selected, allows user to modify one system parameter and changes others to match	Passed
2	Manual Mode, when selected, allows user to change any number of parameters, requiring them to balance the system they set	Passed
3	Loads graphically resize to react to change in percentages/constant value	Passed
4	User is able to input only valid percentage values into percentage boxes	Passed
5	K-constant shown is consistent with value found by hand or in identically balanced chemical equation	Passed
6	Fulcrum can be dragged to modify system, changing k-constant value in response	Passed

7	Software is accessible via computer without requiring network connection	Passed
8	Program is web-hosted with working algorithm and graphic elements (CS Server)	Passed