Test Case ID	Test Scenario	Test Case	Pre Condition	Test Steps	Test Data	Expected Result	Postcondition
1.	Selecting minimum energy states	Select at most 2 states as minimum		1. Click on any 2 of the given 8 states	Data can be either 000, 001, 100, 101, 010, 011, 110, 111	Selected button is turned blue in colour	Click on the 'Submit' button
2.	Selecting minimum energy states	Select at more 2 states as minimum		1. Click on any states of the given 8 states	Data can be either 000, 001, 100, 101, 010, 011, 110, 111	Selected button is turned blue in colour	Click on the 'Submit' button
3.	Click on the 'Submit' button	Next window appears	Energy states have been selected	1. Click on the 'Submit' button	Data can be either 000, 001, 100, 101, 010, 011, 110, 111 and hamming distance between energy states is more than 1	Next window displaying Weights and Threshold selection appears	
3.	Click on the 'Submit' button	Pop-up box appears	Energy states have been selected	1. Click on the 'Submit' button	Data can be either 000, 001, 100, 101, 010, 011, 110, 111 and hamming distance between energy states is more than 1	A pop-up box displaying 'Please select 2 States!' appears	Refresh the page and start again
3.	Click on the 'Submit'	Pop-up box	Energy states	1. Click on the	Data can be either	A pop-up box	Refresh the page

	button	appears	have been selected	'Submit' button	000, 001, 100, 101, 010, 011, 110, 111 and hamming distance between energy states is more than 1	displaying 'Hamming distance for energy states should be more than 1!' appears	and start again
4.	Select the values of weights and threshold values	Select the values of weights and threshold values	Energy states should have been selected	1. Adjust the weights and threshold by sliding the slider 2. Click on the 'Done' button	Values of the weights and threshold will be between -1 to 1	Values for the weights and threshold are stored in separate variables	