

## Automation Feasibility Analysis Template

<b>SCORE CARD:</b>	<b>Very High</b> (100 - 80%)	5	<b>Low</b> (40 - 20%)	2
	<b>High</b> (80 - 60%)	4	<b>Very Low</b> (20 - 1%)	1
	<b>Medium</b> (60 - 40%)	3	<b>Not Applicable</b>	0

Weight age	Factors to be considered	AUT			
20	<b>Technical Analysis</b>				
	How much percentage of screens <b>DO NOT</b> use custom objects in this application?				
	How much percentage of test scripts <b>DO NOT</b> depend on exact object coordinates (positions) on screen ?				
	How much percentage of test scripts would require verification and validation of various attributes, objects or components?				
	How much percentage of test scripts would require human intervention for verification and validation of various outputs?				
15	<b>Complexity</b>				
	How would you describe the complexity of the application in terms of its functionality?				
	How complex is the data requirements for the application?				
	How much percentage of test scripts would be easy/simple to maintain, modify and reuse post automation?				
15	<b>Application Stability</b>				
	How would you describe the stability of the application in terms of bugs / crashes reported from the latest production version ( <b>Highly Stable-5, Least Stable-1</b> )?				
	How much percentage of functionality <b>DO NOT</b> undergo frequent changes ?				
15	<b>Test Data</b>				
	How much percent of the test scripts would handle large test data?				
	What is the probability of bringing down the test execution time, when the tool is used to manage test data?				
	What is the percentage of test set that would use finite set of input data fields and values				
10	<b>Application Size</b>				
	How would you term the size of the application as, in terms of number of test cases?				

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Weight age	Factors to be considered	AUT			
	How much is likely to be automated?				
10	<b>Reusability of Automated Scripts</b>				
	How much percentage of test scripts would be used across different data sets?				
	How much percentage of test scripts would be executed in every build?				
15	<b>Execution across Environments</b>				
	Percentage of test cases that would require execution across browsers				
	Percentage of test cases that would require execution across physical environments				
100	<b>TOTAL SCORE</b>				