

AUTOMATION FEASIBILITY REPORT

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Name	Unhandled Exceptions		
Role	Programmer Analyst Trainees	Batch Trainer	

AUTOMATION FEASIBILITY:

The first step in this process needs to be the feasibility analysis. Automation Feasibility analysis in automation testing refers to a checklist on basis of which we can decide that we should proceed with the automation of the test cases or not.

Automation Feasibility Checklist (AFC):

Automation Feasibility Checklist is used to identify whether the manual test case is feasible for automation or not. The following are the criteria to determine the automation feasibility of the test cases:

Essential Criteria:

- Dependencies/Pre-requisites
- Detailed Test steps
- Test Data availability
- Expected results
- Traceability

Optional Criteria:

- Subject Matter Expert's (SME) support
- Duplication of test steps
- Availability of multiple sets of data and Snapshot of AFC

Benefits of Automation Feasibility Checklist:

- Reduces the Manual execution effort.
- Improves Automation efficiency.
- Helps to derive effective Manual test cases.
- Control and avoid risks in Automation

AUTOMATION FEASIBILITY CHECKLIST MODEL:

S.NO	READINESS CHECK	(YES/NO)
1	Product Stable?	No
2	Any Planned enhancement in near future?	No
3	Won't any bug fixes impact major functionalities?	No
4	Are the test condition and precondition detailed?	Yes
5	Test case and test data analysis done?	Yes

AUTOMATION FEASIBILITY FOR REQUIREMENT – 1:

S.NO	FUNCTIONALITY NAME	TEST CASE FOR PARTICULAR FUNCTIONALITY	TEST ENVIRONMENT AVAILABLE FOR AUTOMATION (YES/NO)	POSSIBILITY FOR AUTOMATION (YES/NO)
1	Access the website "https://www.practo.com/"	1	YES	YES
2	Clear the location textbox	1	YES	YES
3	Fill the location textbox with "Bangalore"	1	YES	YES
4	Fill the keyword search box with "Hospital"	1	YES	YES
5	Click on search button	1	YES	YES
6	Click on Open 24X7 Checkbox	1	YES	YES
7	Click on All Filters Button	1	YES	YES
8	Click on Has Parking Button	1	YES	YES
9	Print the list of hospitals based on the selected criteria	1	YES	YES
10	Navigate back to the landing page	1	YES	YES

AUTOMATION FEASEBILITY FOR REQUIREMENT – 2:

S.NO	FUNCTIONALITY NAME	TEST CASE FOR PARTICULAR FUNCTIONALITY	TEST ENVIRONEMENT AVAILABLE FOR AUTOMATION (YES/NO)	POSSIBILITY FOR AUTOMATION (YES/NO)
1	Access the website "https://www.practo.com/"	1	YES	YES
2	Click on Diagnostics button	1	YES	YES
3	Print the list of top cities	1	YES	YES

AUTOMATION FEASEBILITY FOR REQUIREMENT – 3:

S.NO	FUNCTIONALITY NAME	TEST CASE FOR PARTICULAR FUNCTIONALITY	TEST ENVIRONEMENT AVAILABLE FOR AUTOMATION (YES/NO)	POSSIBILITY FOR AUTOMATION (YES/NO)
1	Access the website "https://www.practo.com/"	1	YES	YES
2	Click on For Providers button	1	YES	YES
3	Click on Corporate Wellness button	1	YES	YES
4	Fill valid Name in the Name text box	1	YES	YES
5	Fill valid Organization Name in the Organization textbox	1	YES	YES
6	Fill Invalid Contact number in the Contact number textbox	1	YES	YES
7	Click on Schedule button	1	YES	YES
8	Capture the Alert message	1	YES	YES

AUTOMATION VS MANUAL TESTING:

TEST PREFERENCES	TO AUTOMATE	NOT TO AUTOMATE
Are the requirements stable?	YES	YES
Does detailed test cases with predictable results available?	YES	YES
Tedious and repetitive	YES	YES
Non-Repetitive or Ad-hoc tasks	NO	NO
High Regression rate and changing	YES	YES
Low Regression rate and constant	NO	NO