



Every Project is having its own expectation, so first we need to understand it and document it in a form of Requirement.

Framework Requirement

- 1. All the Automated Scripts should support Localization.**
- 2. Able to Create Test Suite easily for a specific set of test cases**
- 3. Able to Execute Single Test Script/Multiple Test Script within the Suite**
- 4. Able to Execute only Failed Test Cases**
- 5. Mechanism of Scheduler should be provided, in order to schedule the task**
- 6. Ability to Run a Script on Remote Machine**
- 7. Script Execution on multiple Browsers**
- 8. Ability to Compare the Execution history of last n Run**
- 9. All the Components of the Framework should be loosely coupled, so that as and when required we can easily customize it.**
- 10. Ability to support change in the Requirement**
- 11. Should be scalable easily, maintainable**
- 12. Execution Flow should be logged properly**
- This information can help find problem area quickly and reduce the time to make a fix at the same time**
- 13. Functional Flow should be logged properly**
- 14. Screen Capture feature should be provided**
- 15. HTML Report Viewer to check the execution status**
- 16. After Successful execution auto generated mail should be send to DL i.e. Distribution List.**
- 17. Manual/Development Team should able to execute the script without any help from Automation Team.**
- 18. Should support Data Driven Testing i.e. ability to run a particular script with multiple set of data.**
- 19. Very User Friendly**
- 20. Should take very less time to develop the Automation Suite/Script/Component**
- 21. Reusability of common functions/component.**
- 22. No Hard Coded Value allowed should support parameterization.**
- 23. No Record & Playback**
- 24. Flexible enough to accommodate any enhancements without impacting existing test cases**
- 25. Support of script versioning – Scripts should be stored in a version control system like CVS, Microsoft® VSS etc...This ensures recovery from any disaster.**
- 26. Minimal changes required for any object changes**