

Technologies:

- list of used technologies
- settings that need to be made before downloading the framework - e.g. setup java version upper 7, maven version 3.3.9 etc.

Links:

- Provide link on version control system where project is stored.

Framework setup:

- provide end to end guide of setting up project via any IDE of your choice

Framework Structure:

- Short introduction to all packages under *src/test/java/*
- Driver implementation - include answer on question - how to extend the solution to another browser, if necessary.
- DataProvider implementation - describe in general all classes and methods that connected to interaction with excel files. Describe what modifications in the excel file need to be done in case of writing a new auto-test in separate class.
- Pages implementation - describe the ideology of creating a page by PageObject notation adopted in framework.
- Test implementation - describe the ideology of creating a test adopted in framework.
- Report mechanism - describe what report was chosen, explain report implementation - mention all general classes that needed to implement report, listeners and their configuration.
- Scenarios - describe the order of storing scenario files, logic of such order of tests in scenario.
- Additional packages: Authentication, BrowserDrivers
- pom.xml file structure

Test Run:

- Provide a list of runners with which you can run tests for execution (e.g. maven runner, testng runner etc.)
- How to run all tests
- How to run suite of test
- How to run single test
- How to run test in debug mode

- Describe mechanism of adding newly written auto-test to existing scenario file
- Describe mechanism of creating new separate testing scenario
- How to run tests in parallel

Best Framework Practices:

- general practices -package, class, methods, variables, constants, tests naming conventions, link to the resources
- list of best practices for create new java class describes the Page of Web Application with screenshot examples and detailed explanations, provide list of classes that should this Test extend or implement.
- list of best practices for create new java class describes the separate Auto-Test of Web Application with screenshot examples and detailed explanations, provide list of classes that should this Test extend or implement.

Additional Project Information:

- Data base - what DB Used, mention class that is responsible for connection
- List of common assertions used in framework and explanation, in what case, what kind of assertion should be used