

**Guidelines for writing Test Cases**

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| **DATE** | **DESCRIPTION** | **DONE BY** |
| 13/10/2018 | Test Case Guidelines |  |
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# Test Case Categories:

1. Test Cases are classified under following categories:
   * **000-Pre-Requisites:** (Covering all setting related scenarios)
   * **001-Acceptance:** (Covering all the business rules)
   * **002-Functional:** (Covering all Positive and Negative scenarios)
   * **003-Non Functional:** (Covering all Positive and Negative scenarios)
   * **004-GUI:** (UI test scenarios; as per 10G standard document)
   * **005-Field Validation:** (Test Scenarios covering the acceptable criteria against each element of the page)
   * **006-Regression:** (Scenarios, include the proper impact analysis of the areas which are indirectly part of requirement. e.g.:
     + - 1. If someone has worked on batch payments, plans/ insurance then they would have to make sure that ‘setting/billing plans’ is not crashing as well.
         2. If tester is writing scenario for EMR/Oncology then they also need to make sure that associates procedure, diagnosis and lab results are also appearing in billing.)
   * **007-Security:** (if it’s applicable in scope of CR)
   * **008-Performance:** (if it’s applicable in scope of CR)
   * **009-IIS Logs:** (Covering all of ‘IIS testing’ for IIS logs. In this tester is ensuring that system is not throwing any exception and errors on servers by checking ‘IIS Logs’. Scenarios i.e. 500 crashing, Page size and 404 Page not found)

# Test Case Template Content:

1. **Test Case ID:** Unique ID is required for each test case. Follow some convention to indicate the types of the test. **E.g.** ‘Step 1’ indicating ‘user interface test case #1’.
2. **Test Designed By:** Name of the Tester who is developing Test Cases.
3. **Test Designed Date**: Date when it was written.
4. **Test Summary/Description**:
   1. **Work Flow:** Tester Specify ‘WorkFlow’ in each test case under ‘Description’ column in ‘QC’ e.g. if there are multiple work flows for one test case then each test case has to be written multiple times with different work flows each time. Work flow is necessary to be entered in each test case.
   2. **Pre-conditions**: Any prerequisite that must be fulfilled before the execution of this test case. List all the pre-conditions if any, in order to execute this test case successfully.
   3. **Summary:** Specify ‘Summary’ in each test case under ‘Description’ column in ‘QC’ e.g. summary should define the objective of the test case. Summary is necessary to be entered in each test case.
   4. **Steps to Reproduce:** Specify ‘Steps’ in test cases under ‘Description’ column in ‘QC’ against each test case. Steps of procedure needs to be entered if steps are required to execute the expected test case.
5. **Expected Result**: Expected results should be specified in ‘Expected’ column in ‘QC’ i.e. it should define the expected results of the test case. Expected results can only be skipped if QA manager/senior resource comments are mentioned in ‘Description’ area.
6. **Attachments/References:** Attach screen shot against each test case if required.
7. **Test Data**: Use of test data as an input for this test case. One can provide different data sets with exact values to be used as an input. Real Data or Simulated Data.
8. **Automated/Manual**: Mark the test case as Automated or Manual in context of execution.
9. **Environment**: