Test Plan Guide[[1]](#endnote-1)

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| --- | --- | --- |
| Project Title | [type the project title here] | |
| Project Manager |  | |
| Document Version  & Change History & Update Date |  |  |

| Test Type[[2]](#endnote-2) | Definition &  Participants | What it is[[3]](#endnote-3) | What it is NOT |
| --- | --- | --- | --- |
| Usability Test | A test of the system user interface design and navigability. | * Confirm Design, layout and appearance of screens * Identify user challenges and methods of addressing (change to design or handle via training and performance support) * Accessibility testing | * Exhaustive test of all business conditions * A test method used for standard “out-of-the-box” software. |
| End Users |
| Unit Test | A test of **single** events including transactions and notifications to ensure that each business event functions as designed. | * Test of INDIVIDUAL business events * Test of specific system transaction * Test of specific business procedure * Test of end user role and profile as related to a specific business event | * Test of integrated functionality * Test of interfaces |
| Technical developers |
| Integration Test | A test of a **series** of events and transactions to ensure that all processes , transactions, interfaces, notifications function as designed. | * Test of all conditions that support high risk, high volume or complex business events * Test of critical interfaces and conversions * Test of end-user roles and security profiles * Test of architecture (including business activities, interfaces , conversions and environment) * Verification of Scripts – individual and bundled for Usability Test * Verification of Quick Reference Card and documentation materials | * Exhaustive test of all business conditions * Test of high volume transactions |
| Project Testers |
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1. IEEE Std 829™-2008 Standard for Software and System Test Documentation is a useful reference for IT projects. [↑](#endnote-ref-1)
2. System testing involves a variety of methods for confirming the system function and performance. As part of project planning the Technical Lead will work with the team to identify which test types are appropriate for the project. [↑](#endnote-ref-2)
3. Test Preparation is an important part of any system implementation. Typical activities for Test Preparation include:

   * Define the types of tests to be performed and the participants
   * Identify and setup the test environment
   * Identify test case scenarios and profiles
   * Develop test case documents (if applicable)
   * Define method of capturing and tracking test results and resolution methods
   * Coordinate test logistics (e.g. test dates, location, participants etc.)

   [↑](#endnote-ref-3)