**Title: The QA Testing Best Practices Flow Diagram**

**Phase: Perform Test Process**

- **Test Team**
  - Perform QA/Integrated Testing Effort

- **Do the following Test Process for each test scenario (automated or manual)**
  - Test Team
    - Perform each test scenario (manual or automated), sign-off, and give results * to the QA Team Lead

- **Testing System Documents**
  - Automated Test System

- **Manual Test Scenario Documents**

- **Project Team Member**
  - Communicate to QA Team Lead when failure is resolved and ready to be retested (or when failure needs to go another project team member)
  - If failure is resolved, retest failed test scenario

- **QA Team Lead**
  - Communicate and Assign Failure to the appropriate project team member for resolution
  - If failure is resolved, retest revised test scenario
  - Attempt to reproduce failure
  - If failure is reproduced, was it reproduced?
    - **Yes**
      - QA Team Lead
        - Record passed test result
    - **No**
      - Re-test Test Result

- **Failed Test Result**
  - Test Team
    - Revise Test Scenario(s) and record revised test result

- **Passed Test Result**
  - QA Team Lead
    - Record failed test result & failure severity and reproduce error whenever possible
  - QA Team Lead
    - Communicate to QA Team Lead when failure is resolved and ready to be retested (or when failure needs to go another project team member)
  - If failure is resolved, retest failed test scenario

- **Manual Test Scenario Documents**

- **Automated Test System**

- **From Phase: Create Test Plan**
  - QA Team Lead
    - Communicate and Assign Failure to the appropriate project team member for resolution
  - Project Team Member
    - Communicate to QA Team Lead when failure is resolved and ready to be retested (or when failure needs to go another project team member)

- **Re-test Test Result**
  - Testing System Documents (e.g., Test Director)

- **QA Team Lead**
  - During the Test Process, submit a QA Testing Status Report to the Project Team during Project Team Meetings

- **QA Testing Status Report**

- **Phase: Close Out**