



QA-QC Process

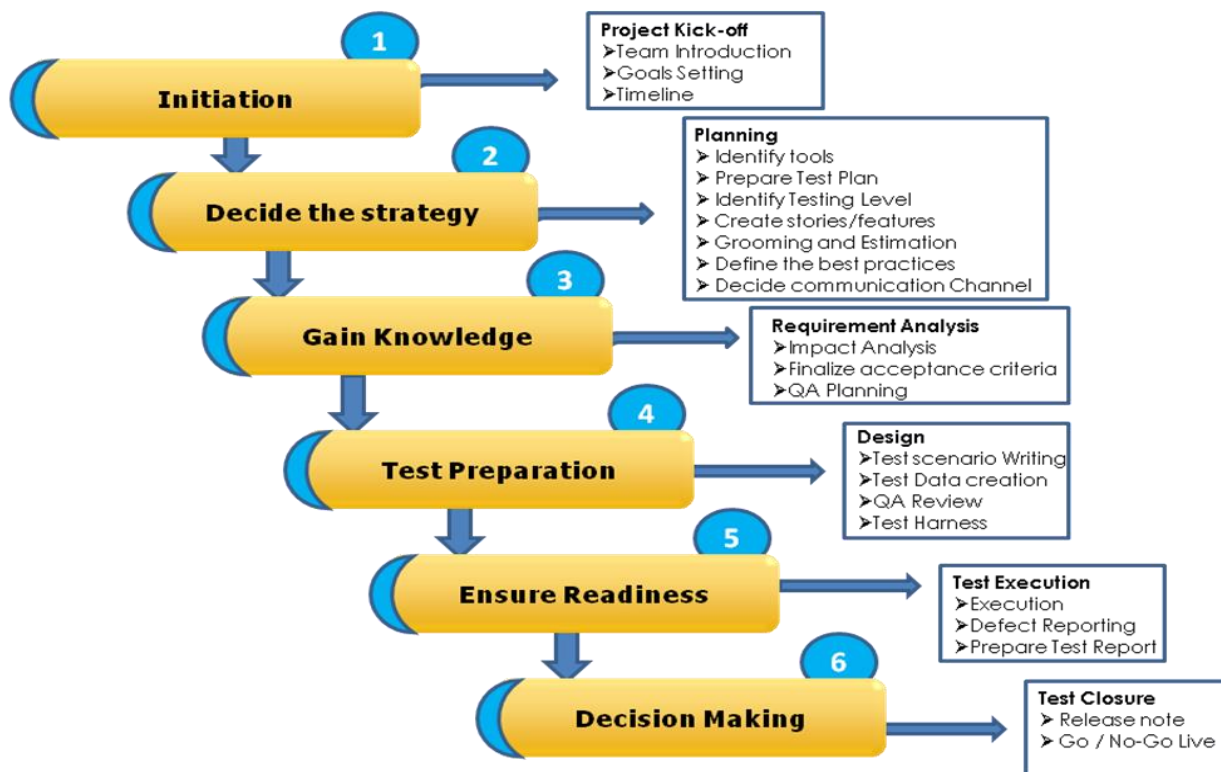
Infogen QA-QC Process

Going extra mile to achieve Quality Excellence

Infogen has designed a specialized QA-QC process.

It's an apt and precise process to determine how a product or service meets specified requirements. A practice that ensures on-time delivery and service excellence.

QA-QC Process Flow



1. Project Kick-Off : Objective --> Initiation

- Team Introduction
- Goals identification and Expectation setting
 - a. Delivery
 - i. Business
 - ii. Technical
- Project delivery Timeline and schedule

2. Planning : Objective --> Decide the Strategy

- Identify tools
 - a. Test Management
 - b. Project Management
 - c. Defect Management
 - d. Environment Setup
 - e. Automation
- Prepare Test Plan
 - a. Functional
 - b. Non-Functional
- Identify Testing Level : Unit , Regression, Integration
- Create stories/features to be released
- Grooming and Estimation
 - a. Requirement analysis
 - b. Decide how much time requires for development and testing
- Define the best practices for the project
 - a. Standard Reporting structure
 - b. Project delivery Timeline
- Automation Framework evaluation : Data driven, Keyword driven, POM, Hybrid
 - a. Client Provided
 - b. Infogen Design
- Decide communication Channel

3. Requirement analysis : Objective --> Gain correct knowledge

- Impact Analysis
- Finalize acceptance criteria
- QA Planning
 - a. A process in which QA and developers discuss the impact of the Feature/Bug on the whole system
 - b. Decide the scope of testing
 - c. It's done on the tickets which are in the Active sprints/Product Backlog
- Decide test suite for Automation : Smoke , Regression

4. Design : Objective : Objective --> Prepare for Testing

- Test Scenario/Test Case Writing
- Test Data creation
- QA Review
 - a. It's a verification process to cross check
 - Unit testing done by Developer
 - Does Code Review, Style Review completed
 - Does this fix affect any other feature

- b. A developer demonstrate high level scenarios to the QA about the Fix/Implementation
 - Test Harness set-up
 - Automation script writing
- 5. Execution : Objective : Objective --> Ensure readiness of Release**
 - Execution of designed test cases / test scripts
 - a. Functional : Unit, Regression, System Testing, Exploratory, Guerilla
 - b. Non-functional : Automation, Performance, Security
 - Defect Reporting
 - Prepare Test Summary Report
 - a. Manual Testing
 - b. Automation Testing
- 6. Test Closure : Objective : Objective --> Decision Making**
 - Preparation of release note
 - To Go / No-Go Live

Benefits of QA-QC Process

- Early Impact analysis
- 100% test coverage
- Early defect detection as a result of QA planning and QA Review
- Better Quality of release in production