
AUTOMATED
USER ACCEPTANCE
TESTS (UAT)
SELENIUM IDE

WHY AUTOMATED UAT'S?

Reproducible	Traceable	Evidenced
• Repeat what was done at any future time point	• Map tests to requirements via functional spec using risk	• Fit for purpose by developer and user testing

MHRA / GCP

- Appropriate controls of the system are in place throughout the systems lifetime
- The **system is fit for purpose and performs reliably and consistently as intended**
- Computer Systems should be periodically evaluations to confirm that they remain in a valid state and are compliant. This should include:
  - current range of functionality
  - deviations records
  - incidents
  - problems
  - upgrade history
  - performance
  - reliability
  - security
  - validation

[14.5.1 Validation Principles. MHRA Grey Guide]
[EudraLex The Rules Governing Medicinal Products in the European Union Volume 4 Good Manufacturing Practice Medicinal Products for Human and Veterinary Use Annex 11: Computerised Systems – Equivalent to FDA 21CFR11]

TESTING

ARRANGE

(SETUP)

ACT

(PERFORM ACTIONS)

ASSERT

(CHECK EXPECTED RESULT)

TESTING WORKFLOW

User Requirements Specification

Functional Spec (Implementation + Risk)

Test Scripts based on risk (Collaborative)

DEVELOPMENT WORKFLOW

Dev - local laptops

Test - unstable code, seeding data (UAT’s)

Stage - pre-production

Production-live

Production-test