

Planning



Execution

User Acceptance Test Plan

Content

1

Definition:

- What UAT is.
- When it's performed.
- Who performs UAT.
- Need for UAT.

2

UAT Planning:

- UAT process.
- UAT guidance.
- UAT design.
- Tools & Methodologies.

3

UAT performers:

- UAT in Agile.
- UAT team.
- UAT Roles
- UAT Responsibilities.



Definition

What UAT is:

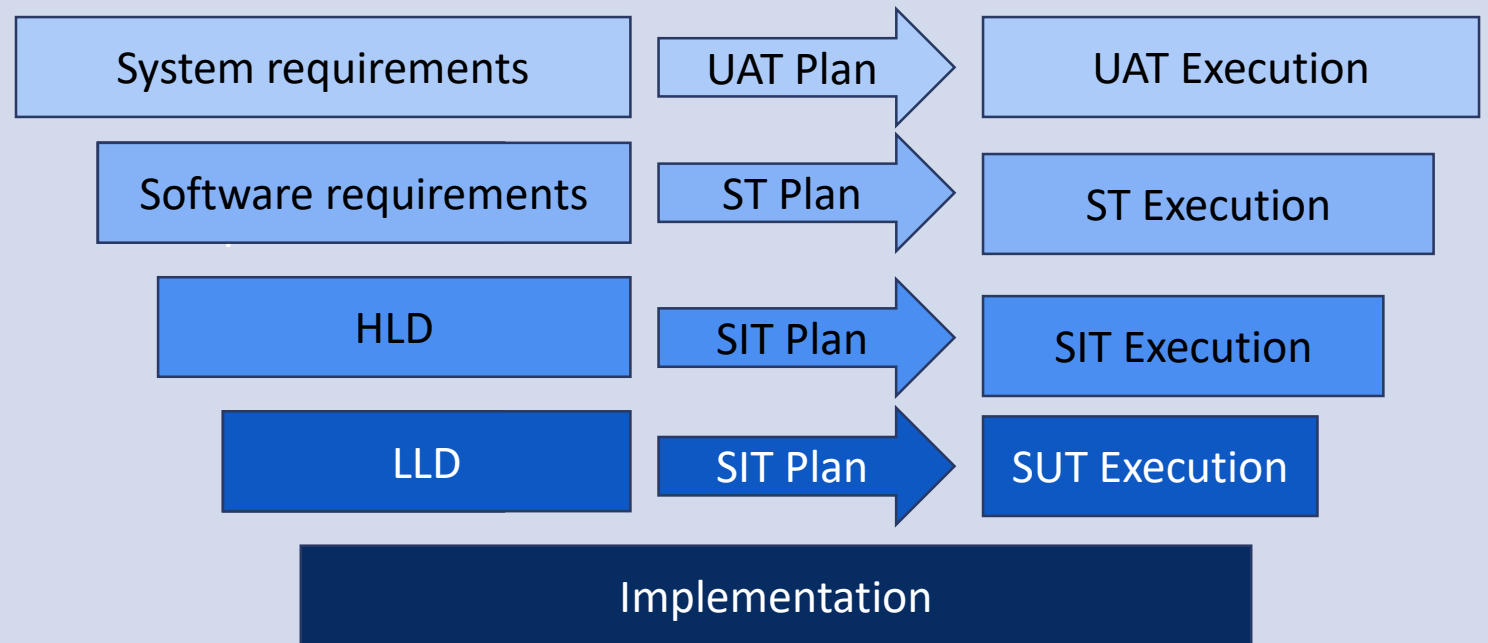
- ❑ *“User Acceptance Testing (UAT) is known as beta or end-user testing, is defined as testing the software by the user or client to determine whether it can be accepted or not.”*
- ❑ *“The main purpose of this testing is to validate the software against the business requirements. This validation is carried out by the end-users who are familiar with the business requirements.”*
- ❑ *UAT Types:*
 - *Alpha testing is when UAT is carried out in the software builder's environment and is more significant in the context of commercial off the shelf software.*
 - *Beta testing is when the UAT is carried out in the production environment or the client's environment. This is more common for customer-facing applications. The users here are the actual customers like you and me in this context.*

Definition

When UAT is performed:

❑ *when UAT plan is created.*

❑ *When UAT is executed.*



Definition

Who performs UAT:

Audit



UAT internal Team





Definition

Need for UAT:

- ❑ *“The cost of fixing the defects after release is many times greater than fixing it before.”*
- ❑ *“Developers and functional testers are technical people who validate the software against the functional specifications, but there are some business requirements and processes that are known only to the end-users are either missed to communicate or misinterpreted.”*

Question



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- UAT design.
- Explore UAT plan template.

UAT Planning

UAT Process:

Gather the
key
Acceptance
Criteria:

- Application Functionality or Business Related.
- Contractual.

Define the
scope of QA
involvement:

- No Involvement.
- Assist in this testing.
- Perform UAT and present Results

UAT Planning

UAT Process:

Objectives of UAT



To confirm that the system / product performs business functions as intended per business requirements



To confirm that the system / product is usable from an end user perspective (operational ease-of-use)



To confirm that the system / product is compliant with regulatory and / or legal requirements



To certify that the system / product is deemed ready to be moved into production

Expectations from UAT

UAT assumes that the system / product is functionally stable and that no critical functional defects will be uncovered → hence the focus on business process validation

Not expected to be as extensive as System Testing

Final sign-off authority to provide a Go / No-Go recommendation for production implementation

UAT Planning

UAT Process:

UAT Test Initiation

- UAT test approach is defined
- Business users who would be performing this testing are identified
- Environments are sorted out
- Test Data requirements are identified
- Required support from all other teams are discussed and support team identified

UAT Test Design

- Business Scenarios to be validated are identified and documented
- Relevant test Data is identified
- Scenarios are uploaded in the corresponding Management Tools
- Appropriate user accesses are requested and sorted out

UAT Test Execution

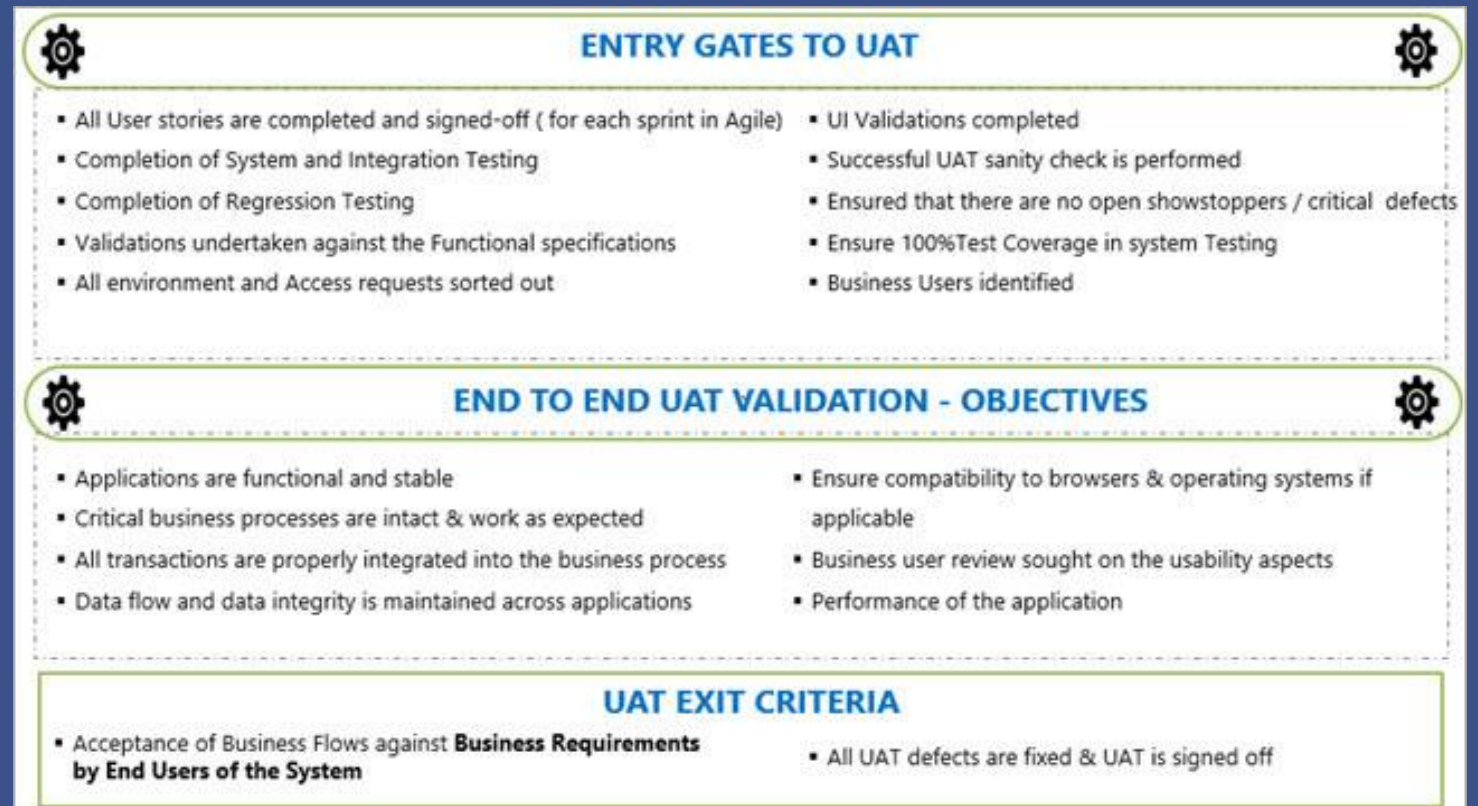
- Test Execution of the business scenarios are performed
- Appropriate defects are raised in the test management tool
- Defect Re-testing and Regression testing is performed

UAT Test Closure

- UAT closure report is produced
- Go/ No- Go decision is discussed and recommended

UAT Planning

UAT Guidance:



UAT Planning

UAT design:

Number	Acceptance Requirement	Critical		Test Result		Comments
		Yes	No	Accept	Reject	
1	The system must execute to end of job.	√				Payroll will not run in a production status until this requirement has been met.
2	The results of payroll must be correct.	√				Payroll will not run in a production status until this requirement has been met.



UAT Planning

Explore UAT plan template

[UAT Tips and Templates - Business Analyst Articles, Webinars, Templates, Jobs \(batimes.com\)](#)

[User Acceptance Test Plan \(UAT\) \(sdlcforms.com\)](#)

Question



Resources

To get more knowledge:

- [What is User Acceptance Testing \(UAT\): A Complete Guide \(softwaretestinghelp.com\)](https://softwaretestinghelp.com/what-is-user-acceptance-testing-uat-a-complete-guide/)
- [User Acceptance Test Plan \(UAT\) \(sdlcforms.com\)](https://sdlcforms.com/user-acceptance-test-plan-uat/)
- [UAT Tips and Templates - Business Analyst Articles, Webinars, Templates, Jobs \(batimes.com\)](https://batimes.com/uat-tips-and-templates-business-analyst-articles-webinars-templates-jobs/)