

User Acceptance Testing (UAT)

- When **Tester** will **complete the testing in SIT environments**. Then we will **performed UAT Testing**
- UAT testing also called **Customer acceptance testing**
- **After SIT, during UAT, client conduct no. of sessions** with us. Product owner, Scrum master, development team, testing team are the part of this session
- **During UAT-**
Whichever testing client does related to their product/application, related to their all requirements this testing/verification is known as user acceptance testing
- **During this client verifies-**
 1. Whether application/product is as per the expected platform or not
 2. Whether their all requirements have been fulfilled or not
 3. Whether all new suggestion & CR have been executed or not
 4. Whether technical approach is correct or not
 5. Whether product/application is providing desired output or not
 6. So, during UAT client validates/verifies each & every functionality or overall functionality/entire functionality of the application step by step from start to end
 7. The objective of UAT is to confirm application is ready for release or not
- **Q messenger & Webex** we use for **communication**. **Slack & hangout** is used for **internal communication**. Jira is used for raise ticket, raise defect, assign defect, defect lock, test cases, test scenarios & other things.
- **During UAT, we follow this process**
 1. Test team/Tester shares desktop between client, PO,SM,TT,DT
 2. Client select user story & we have to execute test scenario/test cases of that user story
 3. We execute test cases/scenarios/step with multiple test data given by the client (i.e. business data)
 4. Client validate start to end functionality with out of scope scenarios also
 5. If it is as client satisfaction then we update the result
 6. Sometimes client suggest changes also or new CR also

7. In case, during UAT, if client found defect then developer has to check the log, after that defect is raised & developer has to provide fix of it with estimation
 8. No. of times UAT happens & after that client updates the result, whether UAT has been completed partially or successfully
 9. Once successful- we get sign off then product is deployed for production
- In UAT **check & validating System & functional testing**
 - **There are 2 testing's in UAT**
 1. Alpha testing
 2. Beta testing
 - In **my project** we perform the **alpha testing**

1. Alpha Testing

- It is performed in **service base application**
- In this testing, **developer, tester, scrum master, client** & product owner are involved. This testing is performed **controlled environment**
- Where, test team **shares desktop** between **clients, TT & DT**. **Client select user story** & we have to **execute the test scenarios/cases/steps** with **multiple test data** given by the **client** (i.e. business data)
- In this testing, **client verifies/validates overall/entire functionality** of the application step by step from start to end
- If **client found defect**, then developer has to **check the logs**, then tester has to **reproduce the defect** to ensure whether **defect is valid or not**
- If valid, then **defect is raised** & then **developer** has to provide the **immediate fix** of it
- This testing is performed at **development site**
- **Client is involved more** in alpha testing

2. Beta Testing

- It is performed in **product base application**
- Testing is carried out as per **client location or in uncontrolled environment**
- **Developer & tester** are **not part of this testing**
- **End users** are the **part of this testing**

- After alpha testing application will be **deployed at client environment** & beta testing is performed at client site in **uncontrolled environment**
- If **defect found** in **client location** then **immediate fix** is **not possible** & **fix** is **provided** in the **next version**

Difference between alpha & beta testing

Alpha Testing	Beta Testing
Alpha Testing for Service based application Ex. Paytm, Cred, etc.	Beta Testing for product based application Ex. Adobe reader, Khatbook, etc
Alpha Testing – both Developer & Tester available	Beta Testing – both Developer & Tester is not available
Issue/ defect immediately fixed	Issue/ defect fixed on next version
Client interaction is more	End user interaction
It is performed in controlled environment	It is performed in uncontrolled environment

- For UAT testing, I have done throw **remote desktop**.
- In UAT we performed System & Functional Testing
- **In one project**, Tester will **not work in both environments (SIT &UAT)**
- I have performed UAT Testing, **When UAT Tester (Client side-Germany) is on leave (2 to 3 month)**
- We have also done UAT testing, **UAT server access (IP/DB) by Remote desktop**
or
- I (tester), also I have performed the UAT testing
- In **both environment SIT & UAT** we can't work
- I have got chance to work in UAT team, in **another project I have worked in UAT** or **in same project but in another module**.
- UAT testing we can **performed by accessing remote desktop**

