**QA ASSIGNMENT:**

1.What are the responsibilities of a QA?

Responsibilities Of QA :

* Tests software to detect bugs and errors. Checks whether a product complies with the requirements.
* A detective who knows where the bugs can hide, even where no one expects them to.
* Tests the system using attention, deduction, and sometimes special software.
* analysis of requirements, preparing a query list based on those requirements;
* writing and executing test cases to detect usability and performance issues;
* conducting exploratory testing – simultaneous test design and execution;
* verification of multi-device and cross-platform consistency (software works on different devices and browsers);
* creating detailed reports and listing improvements;

participation in test planning meetings and providing feedback to the testing team.

* Conduct different test techniques and report issues and follow-up on the status of the issues
* Collaborate with the development team to assess or diagnose problems and suggest possible solutions.
* Monitor and analyze the performance using tools for efficient and problem-free operations.
* Uncover vulnerabilities in the system and determine that its data and resources are protected from intruders.
* Offers Test summary report reflecting the level of quality of the software under test.

2.Why is the importance of acceptance criteria in the story tickets?

Acceptance criteria is essential for when you write user stories. They help your team understand what's essential and what they should focus on while developing a feature.

3.Why should we write test cases?

The main objective of a test case is to ensure if different features within an application are working as expected.

It helps the tester to validate if the application is free of defects and if it is working as per the expectations of the end-users.

Other benefits of test cases include:

It ensure good test coverage

Helps in improving the quality of software,

Test Cases decreases the maintenance and software support costs

It helps to verify that the software meets the end user requirements

Permits the tester to think closely and approach the tests

It is reusable so anyone can reference them and execute the test cases in the future

4.What are the different deliverables that are shared by QA?

The deliverable that are shared by the QA are listed below:

* 1. Test strategy
  2. Test plan and estimation
  3. Test scenario
  4. Test cases and test data
  5. RTM
  6. Test summary report
  7. Test closure report
  8. Incident report

5.What are the different tools used for Performance testing, Automation testing and security testing?

WebLOAD

LoadNinja

LoadView

StresStimulus

Apache JMeter

SmartMeter.io

Rational Performance Tester

Silk Performer

6.What is a QA signoff document and why is it important to share?

The main aim of a QA is to make sure that the software meets the customer’s needs without harming the application.

The formal way of declaring the completion of testing by a QA is Sign Off. Once the application is tested thoroughly, QA prepares the Sign Off document to acknowledge that they have reviewed and tested the application and now the application is ready for release.

7. What is a test plan

A test plan is a detailed document which describes software testing areas and activities. It outlines the test strategy, objectives, test schedule, required resources (human resources, software, and hardware), test estimation and test deliverables.

The test plan is a base of every software's testing. It is the most crucial activity which ensures availability of all the lists of planned activities in an appropriate sequence.

The test plan is a template for conducting software testing activities as a defined process that is fully monitored and controlled by the testing manager.

1. Write test cases for

* Instagram Story

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr. no. | Test-case ID | Scenario | Expected  Result | Actual Result | Status |
| 1 | IG-101 | Check after mentioning someone in the story it is properly working | Yes, Everything must be working fine. | Yes. | Pass |
| 2 | IG-102 | Story visible time. | Story must be visible for 24 hours | Yes, it is visible for 24 hours only. | Pass |
| 3 | IG-103 | Check if the stranger can view the story of private account | No | No, stranger user are not able to see stories | Pass |
| 4 | IG-104 | Close-friend feature | Story which is add for close friend must not be seen by normal friend | Yes | Pass |
| 5 | IG-105 | screenshot prohibition | story has a privacy for screenshot  prohibition | No, no privacy for screenshot  prohibition. | Fail |
| 6 | IG-106 | Check whether all image filters are working properly | Yes, Everything must be working fine. | Yes. | Pass |

* eGift card which can be utilized during checkout process

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr. No | Test-Case  ID | Scenario | Description | Expected  Result | Actual  Result | Status |
| 1. | GC-101 | Gift card verification | Verify Gift card with the help of unique pin. | It is verified | yes | pass |
| 2 | GC-102 | Gift card validity | The gift card is valid only before its expiry  date. | On Date: (26-  11-2021) Gift  card is valid before expiry date (29-11-  2021) | It is valid | Pass |
| 3 | GC-103 | Money deduction on final price after applying eGift card. | The gift card must to be reflect into final price before  checkout. | Final price of order palced must be reduce on applying gift card | Yes, it is. | Pass |
| 4 | GC-104 | API Call | The proper API call must need to be take place on  applying. | API Call successful. | Successfully called API | Pass |
| 5. | GC-105 | Email send | After complete process done send email to user | Email sending successfully | yes | pass |