

How to Tackle the Issues That Arise During Testing

Quality is an important aspect of software product that is sometimes put in compromising situations because of the different issues that crops up during testing. Some of these issues may look trivial but is good enough to give the software...

Method 1 of 5:

Unrealistic Schedules

1.



Ensure that there is sufficient time. Sometimes the software testers do not get sufficient time for testing and the result is too much work crammed in too little time. Here the greatest casualty would obviously be quality since less time means less data for test results and quality metrics.

2.



Start planning early. The solution for this is known to all but not at all put into practice and that is to start activities early so that adequate time is there for planning, design, testing, bug fixing, re-testing, and documentation.

Method 2 of 5:

Inadequate Resources

1.



Recognize that non-availability of resources is the next big issue. Sometimes there will be no hardware or tools to carry out testing and sometimes the shortage may be related to manpower.

2.



Do what you can to be prepared. The Team Lead should be intuitive enough to expect these situations early on. And therefore should keep the back up ready so that the team doesn't falter when these issues crop up.

Method 3 of 5:

Collaboration Difficulties

1.



Practice collaboration. In this age of global collaboration teams working in different geographic locations has become quite common. But this creates a lot of difficulties and one such issue is the inability to collaborate effectively.

2.



Examine different test management systems. Well, nothing can be done about outsourcing as it is done to reduce costs so teams have no other choice but to work in different time zones. But now the different test management systems available in the market will definitely help you in this as most of it facilitates instant collaboration.

Method 4 of 5:

Vague Requirements

1.



Make the requirements clear. Testing is done not only to ensure quality but to validate whether the product that is being developed is in sync with the user's requirements. So if the requirements are unclear, incomplete, general and less than perfect, problems are bound to happen.



Continue to preserve the clarity. The quality of a product can be guaranteed only if the requirements are clear, complete, detailed, cohesive, attainable, and above all testable.

1. So it is highly essential that there should be flawless access to latest info and also business requirements.
2. Not only that, the team developing requirements and the team performing the test should work hand in hand so that the testing process goes off without any glitch and the expected results are obtained.

Method 5 of 5:

Teamwork Difficulties



Make a conscious effort to ensure good work relationships. The success of any testing effort depends upon the camaraderie between the testers and the developers. They should work as a team so that the expected results are obtained. If there is lack of communication between the two teams then it would severely affect the project schedule.



Keep the team informed. The solution for this is that the testers should be kept informed about the build to be tested so that time is not wasted on wrong builds and also on defects that have been already fixed. The development team, on the other hand, should be informed about the defects that have been found so that it can be fixed immediately.

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