Test Environment Checklist

While setting up the test environment, the team needs to consider certain aspects. Therefore, we are listing some of these important elements and key aspects in a checklist format.



1. Hardware Requirements

- [ ] The required hardware is available with the organization?
- [ ] If not, then procure them.
- [ ] Calculate the time & cost in their procurement.
- [ ] Hardware installation.
- [ ] Test the hardware.
- [ ] Assess the need for peripheral devices.

2. Software Requirements

- [ ] Required Software is available with the organization?
- [ ] If not, then purchase them.
- [ ] Calculate the time and in their procurement.
- [ ] Install them.
- [ ] Test them.
- [ ] If the already existing software is compatible with the testing environment.

3. Data Items

- [ ] If the standard test data is available or not?
- [ ] Does the data for the test needs to be imported from the production site or needs to be created.
- [ ] If the data is required in the initial phase or may be introduced at a later stage.

4. Tools

- [ ] A test management tool, its need, and its scope in the test environment.
- [ ] Defect Reporting Tools.
- [ ] Debugging Tools.
- [ ] Other necessary Testing Tools.

5. Process

- [ ] Defining Standards.
- [ ] If the developed plans and strategies are compatible with its execution in the test environment.
- [ ] Identifying and creating the required libraries.
- [ ] Scheduling the test process, so that all the testers can perform.

6. Miscellaneous

- [ ] Is it possible to carry out isolated testing by each tester in a similar test environment?
- [ ] Feasibility study of bringing the changes in the test environment.
- [ ] Creating backups and recovery system.
- [ ] Creating the list of all the members participating in the test environment, along with their contacts.

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