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A traditional software development process comprises the following phases:

â€¢ Gathering the Requirements

â€¢ Design

â€¢ Planning and Implementation

â€¢ Testing

â€¢ Release

â€¢ Maintenance

The conventional approaches to software development had all these phases running in isolation, but with the changing mind-set of the people in industry and their acceptance criteria, we are moving towards the approaches which are not so tight bound, flexible and dynamic. One such methodology is agile, which is widely practiced these days.

All these phases are now clubbed together, and the effort is aligned towards continuous development and improvement in the application. The role of the tester or a quality engineer is inevitable and crucial in the process. During application testing, the Quality Engineer has to have a vision to analyze the application from the perspective of an end user. It is his responsibility to drive the developers to code for exactly what the customer is expecting out of the software. The person who is handling the QA has to have an impeccable understanding of the software being developed. In the design of functional as well as the technical aspect of it, some organizations employ third party testers to evaluate and test their products to improve upon their activities which are related to quality assurance.

IMANY testing is a company which provides software solutions for managing the contracts in government bodies, industries offering food services, pharmaceuticals etc. It helps them to optimize their website to redirect the traffic from search engines to their site to facilitate and promote their company's brand and services

A data warehouse is a source where data is collated from different sources, transformed to be readily used as information and processed to derive meaningful reports. The considerations that should be kept in mind by a data warehouse testing company would be:

â€¢ Data is complete. All of it has been loaded. The settings and parameters of the data that are verified. The phase undergoes re-testing after quality check has been done at the ETL stage.

â€¢ Data is transformed in compliance to the business requirements and the formulated according to the design. Functional and quality testing both are inevitable during this testing

â€¢ Scalability support and performance. It should be able to manage enterprise level data

â€¢ End to end and testing to validate its functionality and the user interface.

â€¢ If any change or enhancement is done, it should also withstand regression testing

â€¢ Reports Testing company and professionals to verify whether correct reports have been generated or not.

An EDI Testing company lays emphasis on data integrity and security norms along with usability. They face some challenges like being dependent on third party vendors, testing in a real time and sometimes tight schedules which include enormous testing events. The SAP testing company relies much on manual testing but the applications are Enterprise and SAP R/3. Here, the knowledge of the module that is being tested is essential.

CSV Validation Company ensures the software application qualifies the functionality check. FDA imposes some specific procedures and controls which have to be followed to ensure the quality software and they have to be incorporated in every phase of SDLC. CSV is user centric and is driven by the user. He is expected to write a URS to specify the requirements which serves as the documented proof when validating the quality and checking whether the system is standing by all the business needs.

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