Abstract

In web application Reliability is the main concern. It basically have the factors which makes web application strong, usable, mature and effective. It deals with the rate of failure in web application.

Reliability deals with many issues. In this research performance and scalability issue, availability issue, failure cause, application fault and application error are discussed briefly. The key issues to make web application reliably is the performance and scalability, and availability of the web application or server.

To come over these issues there are many techniques like software/code refactoring, software clustering, replication and software fault tolerance but this research says that applying software/code refactoring techniques and software fault tolerance to reduce the chances of availability issue, failure cause, application fault and error, and performance and scalability issue in web application, would be easy and better option among all.
Reliability is the mandatory element of every web application. In future testers conduct reliability testing to reduce the chances of performance and scalability, and availability issues and to ensure web application success.

References


**Index Terms**

Computer Science | Information Sciences

**Keywords**