In testing the prose simple versus the usage of a complex environment can be specified as a dependable factor on several aspects such as scale, budget, as well as risk tolerance of that particular application. ***A simple environment*** for testing can be specified as the most useful element for smaller projects with tight deadlines. On the other hand, a complex type of testing can be defined as more suitable for large-scale projects with intensive resources. In the *simple environment of testing* the direct alignment between the process of development and testing helps in the facilitation of rapid iteration alongside feedback. However, the limited capability of this kind of testing for the replication of real-world scenarios can be signified as one of the major limitations of this testing. It can hinge the overall efficiency of the system by leading to insufficient coverage of works by the scalability performance of the system as well as introduction with the diverse level of configuration of the system. On the other hand, the complex environment of testing is more suitable for dedicated Staging as well as a testing environment for the performance of the system that can take place with the integration of black box scalability as well as robustness testing. It can help in the minimization of issues after the process of development. It also helps in the enhancement of the reliability of the system.