

1. Gray box testing is a blend of black box and white box testing. The tester partially understands the internal structure of the program. The term is called gray box because the application is thought of as a transparent box which can be partially seen. It is a good way to find security bugs in the program.
2. Content testing is used to uncover syntactic errors as well as semantic errors. Additionally it is used to find errors in the organization of the content. Interface testing consists of testing the features and interface mechanisms within the context of a use case. Usability testing is testing the degree to which the user can interact with the web application as well as the degree to which the application guides the users actions. Configuration testing is testing to make sure that the projected server configuration can run without error. On the client side, tests focus on compatibility with hardware, OS, plugins and other components. Security testing focuses on unauthorized access to webapp content. Performance testing focuses on the operating characteristics of the application.