Software Testing Notes
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1 Terms

Black-Box Testing

Examine the functionality of an application without looking at its inner workings.

White-Box Testing

Testing the internal structures of an application

2 Functional Testing

A type of testing that focuses on *what* the system does. Utilising *black-box testing.*, test cases are derived on the specification of the component under scrutiny.

Functional testing does not look at methods of a module, rather it tests a *slice of the whole program's functionality.*

3 Combinatorial Testing

4 Structural Testing

5 Dependence and Data Flow Models

6 Data Flow Testing

7 Model Based Testing

8 Testing OOP Software

9 Mutation Testing

10 Regression Testing

11 Integration and Component-Based Testing