Testing

**User Interface**

* Walkthrough testing

**Administrator interface**

* Walkthrough testing

**Data base**

**Search class / Display information**

**Calculating/ View GPA**

**Execution based testing**: - On this execution based testing the modules are run against test cases. Following are the two ways of systematically constructing test data to test a module.

**Types of Execution Testing**

There are two types of execution based testing:

1. Black-box testing: It is the sort of testing in which the code itself is ignored; the exclusive information handle in designing test cases are the specification document.

2. White-box testing: It is the sort of testing in which the code itself is tested, without regard of the specifications.

**Non execution based testing** means the module is always reviewed by a team. The non execution based testingrelies on fault detection strategy.

The fault-detecting power of these non-execution based testing techniques leads to rapid, thorough, and early fault detection.