**Appendix A**

 **Introduction to QTP**

 **URL:** **http://www.scribd.com**

Test automation is the use of software to control the execution of tests, the comparison of actual outcomes to predicted outcomes, the setting up of test preconditions, and other test control and test reporting functions. Commonly, test automation involves automating a manual process already in place that uses a formalized testing process.

Quick Test Professional (QTP) is an automated functional Graphical User Interface (GUI) testing tool created by the HP subsidiary Mercury Interactive that allows the automation of user actions on a web or client based computer application. It is primarily used for functional regression test automation. QTP uses a scripting language built on top of VBScript to specify the test procedure, and to manipulate the objects and controls of the application under test.

Benefits of Automated Testing:

Fast: Quick Test runs tests significantly faster than human users.

Reliable: Tests perform precisely the same operations each time they are run, thereby eliminating human error.

Repeatable: You can test how the Web site or application reacts after repeated execution of the same operations.