**8 APPROACH/STRATEGY**

The philosophy of the testing is risk-based testing, i.e. each test case will be prioritized as, High, Medium, or Low priority and then scheduled accordingly (Highest first). Exceptions to this general rule might include instances where:

* A large number of low priority test cases can be executed using a small amount of resources;
* A lower priority test is a pre-requisite of another higher priority test - e.g. an expensive and high priority usability test might necessitate many of the inexpensive low priority navigational tests to have passed;
* Due to the lack of comprehensive requirements, navigational and functional tests may be scheduled first, so as to allow the testers the opportunity to gain familiarity with the Web site (thereby also allowing them to developing pseudo requirements).

The testing will use a combination of manual and automated testing;

Automated tools:

* Selenium
* Selenium Web Driver
* Telerik Test Studio
* Another tool if it is urgently required. If some additional training is needed it should be applied in short period of time without breaking the time schedule plan.

Web site’s source code will be frozen while being tested.

If critical fixes that are blocking the testing efforts arise, changes will not be scheduled while a unit of code is being tested.

Regression testing will be done during any level of testing (Unit, Integration, System, or Acceptance).

The regression testing will be based on severity of defects detected -

If critical fix is done all tests until the fix obtain priority High and regression testing starts.

Basic metrics will be kept for test effort (i.e. hours), test cases executed, and incidents.