Test Plan Appendix

**Functional testing**

***Links***

* *Test all internal links.*
* *Test links used to send message to admin or other users.*
* *Check for orphan pages.*
* *Check for broken links.*
* *Check links for indication of a link action that can be performed or was performed (i.e. color different from normal text).*

***Forms***

* *Check validations on each field.*
* *Check for the default values of fields.*
* *Confirm inputs and boundary values for all fields.*
* *Confirm options to create forms if any, delete, view or modify the forms.*
* *Check different user types and roles.*
* *Data*
* *Check data accuracy and integrity*
* *Check data input validation*

***Cookies and sessions***

* *Test enabling or disabling of cookies in different browsers’ options.*
* *Test for cookie encryption before writing to user machine.*
* *Check for login sessions and user statistics after session end.*
* *Confirm effect on application security by deleting the cookies.*
* *Check if the session is recorded during correct time.*
* *Test for application robustness for rejecting cookies.*
* *Check if the session cookies or persistent cookies are used appropriately.*

***Passwords, Permissions and Roles***

* *Password should be displayed as asterisk or other masking.*
* *Password should be encrypted in source code.*
* *Change password should be take effect after login in the same computer.*
* *Password should not be able to be copied/pasted.*
* *Password security rule check (password strength): length, letter & number combination etc.*
* *Each user should have correct privileges as per their role to execute tasks and access information.*

***User Interface***

* *All components should be displayed in the correct location even changes in page sizes.*
* *Check for overlap or truncation for each component.*
* *Fonts and colors should be clear and easy to discern.*
* *Check for garbage characters.*
* *Check different resolutions to ensure that all application components display correctly.*
* *Check changing window sizes and ensure all application components display correctly.*
* *Check supported browser/OS to ensure that all application components display correctly.*