TEST PLAN

1. Functionality Testing

* Checking if links in the application work accordingly
* Check to see if there are no orphan pages
* Checking for broken links
* Checking links used to send emails to admin or other users from web pages.
* Checking the forms of the application
* Check validation of each field
* Checking if wrong inputs in the fields are acceptable
* Test if error messages work and are for the correct problem
* Validation of HTML and CSS
* Ensuring that the application is validated for HTML and CSS syntax errors
* Testing the database
* Ensure data consistency
* Ensure data integrity

1. Usability Testing

Evaluation and testing of the tool will be done based on user interaction. The goal of the evaluation is to ensure all the functional requirements are meet. To test the functional requirements of the tool a few volunteers will be used. The volunteers will be tasked with interacting with the tool. They each will be given a list of tasks with questions.If the volunteers are able to complete the question it will show that no changes need to be made but if they do not manage to complete the task some changes will have to be made.

* We test if the website is user-friendly
* We test the consistence of navigation on all pages
* We check the content on the application, if it is easy to understand

1. Compatibility testing

* Test if the application is compatible on different browsers
* Test if the application is compatible on different operating systems

1. Performance testing

* Test the web loading performance
* Test the connection speed

1. Security testing

* Test the CAPTCHA to automate script logins
* Test if it maybe possible to hack into accounts
* Checking systems reaction to invalid information