**System Test**

The System Test Procedure follows a five point checklist to ensure the identification of all system dependencies and to guarantee that data integrity is withheld between all system components. Our End-to-End testing procedure is centered around the fact that we are making an application utilizing wordpress. The testing will use aspects of a functionality test and a usability test. The five points include:

1. **Analyze Requirements:**

* Prior to employing the tests themselves we return to our requirements documentation to ensure that we have implemented all features and their required functionalities
* Additionally, we will account for any extra functionalities that can’t be removed due to the default settings of the certain plug-ins
* After assessing the completeness of our functionalities we will break down the functionalities in terms of the components that make them up
* The components consist of plug-ins as well standard wordpress features.

1. **Create Test Environment:**

* At this point we will attempt to isolate and test each component in relation to the functionality it provides. In some cases this will not always be possible.
* In a separate environment we will test each functionality as a whole. This will be implemented into the mock user test case

1. **System Response List:**

* In this phase we shall generate a list of possible scenarios that a user may engage with a feature and record all variations of how the system should respond to the specified interaction.

1. **Test Case:**

* Once we have listed how the system should respond we will go through testing cases to mock the user of whichever functionality is being tested.

1. **Test Case Data Storage and History:**

* In this phase the case design has been employed and all tests that are ran will be recorded
* Results will be saved and described
* In the event a component is not operating properly a re-test will be conducted and the procedure is restarted.

**Required Functionalities and their components:**

* User Makes an appointment and is prompted with service needed, email and name. A confirmation email is sent to both the user and the customers email (My customer, CTI)
  + Easy appointments
  + WP Mail SMTP
* Booking feature allows for no less than 2 and no more than 4 services to be scheduled in single time slot
  + Easy appointments
* Booking feature allows user to see closed timeslots and prevents them from booking them
  + Easy appointments
* User is redirected to another webpage upon making an appointment
  + Easy appointments
  + Basic wordpress feature
* Redirect page contains web button that takes users back home page
  + Basic wordpress feature

**Components test**

|  | User Makes an appointment and is prompted with service needed, email and name. A confirmation email is sent to both the user and the customers email | Booking feature allows for no less than 2 and no more than 4 services to be scheduled in single time slot | Booking feature allows user to see closed timeslots and prevents them from booking them | User is redirected to another webpage upon making an appointment | Redirect page contains web button that takes users back home page |
| --- | --- | --- | --- | --- | --- |
| Easy  Appointments | Test Status: **Pass** | Test Status: **Pass** | Could not be applied | Could not be applied |  |
| WP Mail SMTP | Test Status: **Pass** |  |  |  |  |
| Basic wordpress feature |  |  |  | Could not applied | Test Status: **Pass** |

**Test Case**

| Test Case | Status |
| --- | --- |
| User Makes an appointment and is prompted with service needed, email and name. A confirmation email is sent to both the user and the customers email | Pass |
| Booking feature allows for no less than 2 and no more than 4 services to be scheduled in single time slot | Pass |
| Booking feature allows user to see closed timeslots and prevents them from booking them | Pass |
| User is redirected to another webpage upon making an appointment | Pass |
| Redirect page contains web button that takes users back home page | Pass |
| User hits the cancel button while completing the booking appointment process, refreshing the webpage. | Pass |