# Testing:

The content management system has been developed as group work. As a group work we had been ask to develop a university website which markets their different offers. To ensure the quality of final product is very important and to make sure whether it meets the features/requirements or not.

On the other hand, there are bunch of tests to be carried out to make sure there is no fault or bug issues anywhere in the system. The test plan, test design and test log are provided below one after another, respectively.

## Test Plan:

A test plan was panned from the starting of making the content management system (CMS). Where, different types of tests were added to the plan based on possible testing resources. Test plan contains the names of the test serially along with their criteria and outcomes.

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| **Test No.** | **Test name** | **criteria/specification** | **Outcome/Result** |
| 1. | Unit test | Information request | The result of this test will be accurate, international student form will be opened. |
| 2. | Integration testing | sent mail after “International Student” form submit  Reply in a comment | All steps of the integration function will work as accurate.  An email will be received at desired email.  Somebody will able to able to reply on comment box. |
| 3. | Functional testing | FAQ submission.  Programs  “International Student Query” submission workflow.  Read success story | The entire function test will work accurately as expected. Data found.  Alumni page will be opened in a single page  Form data will be found.  Links/site content should be redirected with each another. |
| 4. | Usability testing | Search option  Page Details  Navigation Bar  Redirection of content/links | All the items of the function will be pace accurately |
| 5. | Security testing | User Authentication  Two Step verification | All the result of the security testing will be accurate.  If someone tries to enter to system using my credentials it will ask me 2-step verification. |
| 6. | Browser compatibility testing | Google Chrome,  Mozilla Firefox, Edge | Different browser will show different results especially from looks and feel of the website.  Some UI element will be non identical except rests. |

## Test Design/Cases:

This area will cover the test design means the designed tests will be tested directly based on test cases. A demo of test, caption and a brief description will be added with each case when they will be tested.