**Monash University Website**

**Date:** 8th October 2020

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Plan** | | **Designed By:** Shajjadul Islam Shaurav | |
| **Serial No.** | **Test Name** | **Criteria** | **Expected Output** |
| 1 | Unit Testing | Create news | Each section works properly |
| Create Event |
| Send success stories |
| 2 | Integration Testing | Send enquiries to the admin | Admin can receive and answer questions |
| Display Confirmation Messages | Messages are displayed |
| 3 | Functional Testing | Links between pages | Works properly |
| Automatically generated system reply | System replies properly |
| Data validation | Data can be validated |
| 4 | Usability Testing | Navigation bar | Easy to navigate |
| Content | Content should be legible |
| Filter | Events can be filtered |
| 5 | Security Testing | SQL injection | Security threats are thwarted |
| XSS |
| CSRF |
| 6 | Browser Compatibility Testing | Google Chrome | Web application works properly on different browsers |
| Mozilla Firefox |
| Internet Explorer |
| 7 | Responsiveness Testing | Computer | Web application is fully responsive for different devices |
| Tablet |
| Mobile |

**Unit Testing**

In unit testing I will create news, events and try to send success stories. Data will be collected by using different forms. After the submission data will be inserted to the list. News, Events and success stories will be displayed on the website.

**Integration Testing**

In integration testing I will send enquiries as international students. Enquiries should be saved into a list. Besides that, I will test if confirmation messages are displayed after successful submission of data.

**Functional Testing**

In this testing the link between pages will be tested. I will make sure that all the links are working properly and there are no broken links. Data validation are another part of this testing. The purpose of data validation is to make sure that proper data are collected.

**Usability testing**

Navigation bar, website contents, events filter will be tested in this testing. Menus, buttons or Links to different pages on website should be easily visible and consistent. Website contents should be legible without any kind of spelling or grammatical errors. Events can be filtered by date.

**Security testing**

SQL Injection, CSRF, XSS etc. security testing will be carried out. After these testing most of the security threats should be cleared.

**Browser Compatibility Testing**

Website will be run into different browser to complete browser compatibility test. Website should work the same in different browsers.

**Responsiveness testing**

Website will be tested in different devices like computer, mobile, tablet to complete responsiveness testing. Website should work fine in different devices.