Test plan document

For

MET BKC Official website

1. introduction:

The main goal of this test plan is to make sure the MET BKC website functions properly and provides accurate information, provides proper user experience for different users like students, faculty. To identify and resolve any issues in the website.

2. Scope:

* Items to be tested:
  1. Admission enquiry
  2. Login
  3. Student section
  4. Online fees payment
  5. Search bar
* Items not to be tested:

1. contact us
2. News and events

3. Approach:

* Unit testing will be done by developer and it will be approved by the development group leader. Testing will be done to check the working of modules or components separately.
* Compatibility testing will be done by developers to check if the website is compatible with various web browsers, different devices and operating systems.
* System / integration testing will be done to check if the modules are working properly together and producing desired results.
* Acceptance testing will be done by the end user so that to ensure the website is working properly as per the requirements.

4. Module pass/fail criteria:

* **Pass Criteria**: All test cases must pass, with no unresolved critical defects.
* **Fail Criteria**: Any critical defects or multiple high-priority defects that affect functionality or usability would fail the release.

5. Suspension and resumption criteria

* Suspension criteria:

1. When a defect is introduced that cannot allow further testing
2. Lack of testing resources like software of hardware.
3. Deadline is missed then the client will not accept the software.

* Resumption criteria:

1. When external dependent systems are available again.
2. When required bugs are fixed.
3. When the deadline is extended.

6. roles and responsibilities:

Mr. abc: senior software developer

Mr. bcd: junior software developer

Mr. pqr: senior tester

Mr. xyz: manager

7. Testing Environment:

* Devices:

1. Laptop
2. Pc
3. Mobile
4. Tablet

* Browers:

1. Safari
2. Chrome
3. Firefox
4. Edge

* Network:

Stable internet connection

8. Test deliverables:

* Test plan
* Test case
* Defect report
* Test summary report

9. staff and training need:

* Developer and tester must know how to use computer and how to access internet.
* Tester must know how to use testing tools like selenium.

10. conclusion:

This test plan provides a comprehensive overview of the testing activities required to ensure the quality and functionality of the MET BKC Official website.