**4. Prepare/ Design test cases for any E commerce web application.**

.

**Test Case Report for MET BKC Official Website**

| **Test Case ID** | **Test Case Description** | **Preconditions** | **Test Steps** | **Expected Result** | **Actual Result** | **Status** |
| --- | --- | --- | --- | --- | --- | --- |
| TC001 | User Registration | The website is accessible | 1. Navigate to the registration page.<br>2. Enter valid user details.<br>3. Click 'Submit'. | User should be registered successfully and redirected to the login page. | User was registered successfully and redirected to the login page. | Passed |
| TC002 | User Login | The user is registered | 1. Navigate to the login page.<br>2. Enter valid credentials.<br>3. Click 'Login'. | User should be logged in successfully and redirected to the homepage. | User was logged in successfully and redirected to the homepage. | Passed |
| TC003 | Course Search | User is logged in | 1. Navigate to the homepage.<br>2. Enter course name in the search bar.<br>3. Click 'Search'. | Relevant courses should be displayed in the search results. | Relevant courses were displayed correctly in the search results. | Passed |
| TC004 | Access Course Materials | User is logged in | 1. Search for and select a course.<br>2. Click on the course link.<br>3. View course materials. | Course materials should be displayed correctly. | Course materials were displayed correctly. | Passed |
| TC005 | Register for a Course | User is logged in | 1. Navigate to the course page.<br>2. Click 'Register'. | User should be registered for the course and receive a confirmation. | User was registered successfully and received a confirmation. | Passed |
| TC006 | View Student Profile | User is logged in | 1. Click on 'My Profile' from the user menu.<br>2. View profile details. | Profile details should be displayed correctly. | Profile details were displayed correctly with accurate and up-to-date information. | Passed |
| TC007 | Update Student Profile | User is logged in | 1. Click on 'My Profile' from the user menu.<br>2. Edit profile details.<br>3. Click 'Save'. | Profile details should be updated successfully. | Profile details were updated successfully. | Passed |
| TC008 | Access Library Resources | User is logged in | 1. Navigate to the library section.<br>2. Search for a book or resource.<br>3. View details. | Library resources should be displayed correctly. | Library resources were displayed correctly. | Passed |
| TC009 | Download Library Resource | User is logged in | 1. Search for a book or resource.<br>2. Click 'Download'. | Resource should be downloaded successfully. | Resource was downloaded successfully. | Passed |
| TC010 | View Events and Announcements | User is logged in | 1. Navigate to the events section.<br>2. View upcoming events and announcements. | Events and announcements should be displayed correctly. | Events and announcements were displayed correctly. | Passed |
| TC011 | Contact Support | User is logged in | 1. Navigate to the contact page.<br>2. Fill out the support form.<br>3. Submit the form. | Support request should be submitted successfully. | Support request was submitted successfully. | Passed |

**Detailed Example Test Case**

| **Test Case ID**: TC001 |------------------|-----------------------------------------------| | **Test Case Description** | User Registration | | **Preconditions** | The website is accessible | | **Test Steps** | 1. Navigate to the registration page.<br>2. Enter valid user details:<br> - Username: testuser<br> - Email: testuser@example.com<br> - Password: Password123<br>3. Click 'Submit'. | | **Expected Result** | User should be registered successfully and redirected to the login page. | | **Actual Result** | User was registered successfully. | | **Status** | Passed |