## 

## American International University- Bangladesh (AIUB)

## Department of Computer Science

## Software Quality and Testing [E]

## Spring 2021-2022

**Assignment Title:** Writing and Executing test cases for AIUB system.

|  |  |  |
| --- | --- | --- |
| Name | ID | Test Case |
| Dipta Saha | **19-39379-1** | TC\_101-TC\_106 |
| Islam, Maizul | **19-41002-2** | TC\_107-TC\_112 |
| MD. Naimul Hossain | **19-39513-1** | TC\_113-TC\_118 |
| Gosh, Chaity | **19-39396-1** | TC\_119-TC\_124 |
| Mir, MD Ishmam | **19-39925-1** | TC\_125-TC\_129 |

**SUBMITTED TO:**

S.M. ABDUR BHUIYAN ROUF

DATE OF SUBMISSION: **26.02.2022**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case#** | | **Action / Description** | | **Requirement#** | **Expected Results** | | | **Actual Results** | **Status** | | | **Comments** | |
| TC\_101 | Visit the website <http://www.aiub.edu> and searching for major items. | | | 710.0 | The website http://www.aiub.edu should contain the major items – ABOUT, ACADEMICS, ADMISSION, ON CAMPUS, ADMINISTRATION, RESEARCH, Faculties, Login, Webmail, Contact Us. | | | The website http://www.aiub.edu should contain the major items – ABOUT, ACADEMICS, ADMISSION, ON CAMPUS, ADMINISTRATION, RESEARCH, Login, Web Mail, Contact Us. | Failed | | | The test case failed. All Major items does not match. | |
| TC\_102 | Put the mouse pointer over ‘About.’ | | | 711.1 | Drop-down list opens with the items –Information, General Information, Rules of Campus Entry, Why Study Here, Resources, Career, Convocation, video. | | | Drop-down list opens with the items –Information, General Information, Rules of Campus Entry, Why Study Here, Resources, Career, Convocation, video. | Passed | | | The item passed. | |
| TC\_103 | Click on the link ‘Information’ | | | 711.1.1 | Page containing Vision, Mission, Quality Policy, Goals. | | | Page containing Vision, Mission, Quality Policy, Goals. | Passed | | | The item passed. | |
| TC\_104 | Click on the link ‘General Information’ | | | 711.1.2 | A new page containing information regarding –Degrees Offered at Present, Chairperson and members of Academic Council, and names and pictures of Board of Trustees’ Nominee | | | A new page containing information regarding –Degrees Offered at Present, Chairperson and members of Academic Council, and names of Board of Trustees’ Nominee | Failed | | | The test case failed. Containing information does not match. | |
| TC\_105 | Click on the link ‘Why Study Here’ | | | 711.1.3 | Page titled ‘Why study at AIUB?’ | | | Page titled ‘Why Study Here’ | Failed | | | The test case failed. Page title dose not match. | |
| TC\_106 | Click on the link ‘Resources’ | | | 711.1.4 | The system displays a page containing information about Library Facilities, AIUB ICT facilities, Laboratory facilities, Auditorium, Student Health Services, Hostel Facilities, Student Transportation Facilities, Security Services. | | | The system displays a page containing information about Library, Laboratory Facilities, Student Services Offices, Facilities, On-Campus Security. | Failed | | | The test case failed. Containing information about does not match. | |
| TC\_107 | Click on ‘Career’ | | | 711.1.5 | A page titled Career Opportunities for ‘Fresh Graduates’. | | | A page titled ‘Career’ | Failed | | | The test case failed. Page title does not match | |
| TC\_108 | Click on ‘Convocation’ | | | 711.1.6 | A page titled ‘CONVOCATION’ with a list from 1st Convocation to 20th Convocation. The page also displays a graph showing total number of graduates of each convocation | | | A page titled ‘Convocation’ with a list from 1st Convocation to 20th Convocation opens. The page also displays a graph showing total number of graduates of each convocation. | Failed | | | The test case failed. Page title does not match. | |
| TC\_109 | Click on ‘1st Convocation’ | | | 711.1.6.1 | Clicking on 1st Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the first convocation | | | A page that contains information about the venue, date, number of students graduated. | Failed | | | The test case failed. Doesn’t show pictures of the first convocation | |
| TC\_110 | Click on ‘2nd Convocation’ | | | 711.1.6.2 | Clicking on 2nd Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | | | A page that contains information about the venue, date, number of students graduated. | Failed | | | The test case failed. Doesn’t show pictures of the that convocation | |
| TC\_111 | Click on ‘3rd Convocation’ | | | 711.1.6.3 | Clicking on 3rd Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | | | A page that contains information about the venue, date, number of students graduated. | Failed | | | The test case failed. Doesn’t show pictures of the that convocation | |
| TC\_112 | Click on ‘4th Convocation’ | | | 711.1.6.4 | Clicking on 4th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | | | A page that contains information about the venue, date, number of students graduated. | Failed | | | The test case failed. Doesn’t show pictures of the that convocation | |
| TC\_113 | Clicking on ‘5th Convocation’ | | | 711.1.6.5 | A page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | | A page that contains information about the venue, date,  number of students graduated, speaker, chief guest, special guest, number of awards and academic award | Failed | | | The test case failed. It does not exhibit pictures of the convocation. | |
| TC\_114 | Clicking on ‘6th Convocation’ | | | 711.1.6.6 | A page that contains information about the venue, date, number of students graduated, and pictures of that convocation. | | | A page that contains information about the venue, date,  number of students graduated, speaker, chief guest, special guest, number of awards and academic award | Failed | | | The test case failed. It does not exhibit pictures of the convocation. | |
| TC\_115 | Clicking on ‘7th Convocation’ | | | 711.1.6.7 | A page that contains information about the venue, date, number of students graduated, and pictures of that convocation. | | | A page that contains information about the venue, date,  number of students graduated, speaker, chief guest, special guest, number of awards and academic award | Failed | | | The test case failed. It does not exhibit pictures of the convocation. | |
| TC\_116 | Clicking on ‘8th Convocation’ | | | 711.1.6.8 | A page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | | A page that contains information about the venue, date,  number of students graduated, speaker, chief guest, special guest, number of awards and academic award | Failed | | | The test case failed. It does not exhibit pictures of the convocation. | |
| TC\_117 | Clicking on ‘9th Convocation’ | | | 711.1.6.9 | A page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | | A page that contains information about the venue, date,  number of students graduated, speaker, chief guest, special guest, number of awards and academic award | Failed | | | The test case failed. It does not exhibit pictures of the convocation. | |
| TC\_118 | Clicking on ‘10th Convocation’ | | | 711.1.6.10 | A page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | | A page that contains information about the venue, date,  number of students graduated, speaker, chief guest, special guest, number of awards and academic award | Failed | | | The test case failed. It does not exhibit pictures of the convocation. | |
| TC\_119 | Clicking on ‘11th Convocation’ | | | 711.1.6.11 | A page that contains information about the venue, date, number of students graduated. | | | A page that contains information about the venue, date, number of students graduated. | Passed | | | The item passed. | |
| TC\_120 | Clicking on ‘12th Convocation’ | | | 711.1.6.12 | A page that contains information about the venue, date,  number of students graduated. | | | A page that contains information about the venue, date,  number of students graduated. | Passed | | | The item passed. | |
| TC\_121 | Clicking on ‘13th Convocation’ | | | 711.1.6.13 | A page that contains information about the venue, date, number of students graduated. | | | A page that contains information about the venue, date, number of students graduated. | Passed | | | The item passed. | |
| TC\_122 | Clicking on ‘14th Convocation’ | | | 711.1.6.14 | A page that contains information about the venue, date, number of students graduated. | | | A page that contains information about the venue, date, number of students graduated. | Passed | | | The item  passed | |
| TC\_123 | Clicking on ‘15th Convocation’ | | | 711.1.6.15 | A page that contains information about the venue, date, number of students graduated | | | A page that contains information about the venue, date, number of students graduated. | Passed | | | The item  passed. | |
| TC\_124 | Hover on ‘About’ and clicking on Video. | | | 711.1.7 | A drop-down list will appear by hovering on ‘About’ of which ‘Video’ is the last item. On clicking on ‘Video’, the system will display fifty nine video clips to view. | | | A drop-down list will appear by hovering on ‘About’ of which ‘Video’ is the last item. On clicking on ‘Video’, the system will display fifty-seven video clips to view. | Failed | | | The test case failed. The system will display fifty-seven video clips to view. | |
| TC\_125 | Hover on ‘Academics’. | | | 712.0 | A drop-down list will appear by hovering on ‘Academics’ in the homepage display and that will show four items (Faculties, Information, Partnership, Institutes). | | | Drop-down list opens with the items  (Faculties, Information, Partnership, Institutes) | Passed | | | The item passed. | |
| TC\_126 | | Hover on ‘Academics’. | 712.1.1 | | | A drop-down list will appear by hovering on ‘Academics’ in the homepage display and there is one item named Information under which five items will show  (Academic Calendar, Academic Regulations, Course Catalog, Courses, Tuition Fee) | Drop-down list opens with the items  (Academic Calendar, Academic Regulations, Course Catalog, Courses, Tuition Fee) | | | Passed | The item passed. | |
| TC\_127 | | Hover on ‘Academics’ and clicking on ‘Academic Calendar’. | 712.1.2 | | | Under ‘Academics’, when click on the ‘Academic Calendar’, the system displays the academic calendar for three semesters. | A page that contains information about the date classes, lab, exams and other necessary days. | | | Passed | The item passed. | |
| TC\_128 | | Hover on ‘Administration’ | 713.0 | | | A drop-down list will appear by hovering on ‘Administration’ in the homepage display and that will show five items  (The Vice Chancellor, The Chairman, The Founders, Institutional Policy, Offices) | Drop-down list that contains the details of Administration. | | | Passed | The item passed. | |
| TC\_129 | | Hover on ‘Offices’ under ‘Administration’. | 714.0 | | | A drop-down list will appear by hovering on ‘Offices’ under ‘Administration’ and twelve item will show  (Office of Controller of Examinations, Office of Cultural Affairs, Office of Finance and Audit, Office of Guidance Counselor, Office of Human Resources, Office of Placement and Alumni, Office of Planning and Development, Office of International Students, Office of Probation, Office of Public Relations, Office of Sports, Office of Student Affairs). | Drop-down list that contains the details of Offices | | | Passed | The item passed. | |