

**American International University-Bangladesh (AIUB)**

**Department of Computer Science**

**Software Quality And Testing**

**Spring 2020-2021**

**Section: D**

**Assignment:**

**Writing and Executing Test Case for AIUB System**

**Course Instructor:**

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**Test Case for AIUB System:**

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| **Test**  **Case#** | **Action** | | **Requirement#** | | | **Expected**  **Results** | | **Actual**  **Results** | | | **Pass/**  **Fail** | **Comments** |
| TC\_01 | Click on  Website  link | | 211.0 | | | The website http://www.aiub.edu should contain the major items –Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login. | | The website http://www.aiub.edu should contain the major items –Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login. | | | Pass | It contains all items. |
| TC\_02 | Put mouse pointer is put over ‘About’ | | 211.1 | | | When the mouse pointer is put over ‘About’, a drop-down list opens with the items –Information, General Information, Why Study here, Resources, Career, Convocation, Video. | | When the mouse pointer is put over ‘About’, a drop-down list opens with the items –Information, General Information, Why Study here, Resources, Career, Convocation, Video. | | | Pass | It shows every items. |
| TC\_03 | Clicking on the link ‘Information’ | | 211.1.1 | | | Clicking on the link ‘Information’ brings a page containing Vision, Mission, Quality Policy, Goals. | | Clicking on the link ‘Information’ brings a page containing Vision, Mission, Quality Policy, Goals. | | | Pass | It brings all contains. |
| TC\_04 | Clicking on ‘General Information’ | | 211.1.2 | | | Clicking on ‘General Information’ brings to a new page containing information regarding –Degrees Offered at Present, up-coming academic programs, name and picture of Academic Council, and name of Board of Trustees’ Nominee. | | Clicking on ‘General Information’ brings to a new page containing information regarding –Degrees Offered at Present, Academic Council and Syndicate Members. | | | Failed | Does not contain all preferred items. |
| TC\_05 | Clicking on ‘Why study here’ | | 211.1.3 | | | Clicking on ‘Why study here’ brings to a page titled ‘Why study at AIUB?’ | | Clicking on ‘Why study here’ brings to a page titled ‘Why study here’ | | | Failed | Shows different title, |
| TC\_06 | Clicking on ‘Resources’ | | 211.1.4 | | | When clicked on ‘Resources’, 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. | | When clicked on ‘Resources’, the system displays a page containing information about Library Facilities,  AIUB ICT facilities, Laboratory facilities, Auditorium, Student Health Services, Hostel Facilities, Security Services. | | | Failed | ‘Student Hostel Facilities, Transportation Facilities’ is missing. |
| TC\_07 | Clicking on ‘Career’ | | 211.1.5 | | | When clicked on ‘Career’, the system opens a page titled Career Opportunities for ‘`Fresh Graduates’. | | When clicked on ‘Career’, the system opens a page titled ‘Job Opportunity’ where fresher are highly encouraged. | | | Failed | Shows different title. |
| TC\_08 | Clicking on ‘Convocation’ | | 211.1.6 | | | Clicking on ‘Convocation’ brings to a page titled ‘CONVOCATION’ with a list from 1st Convocation to 15th Convocation. The page also displays a graph showing the number of graduates of every convocation. | | Clicking on ‘Convocation’ brings to a page titled ‘CONVOCATION’ with a list from 1st Convocation to 15th Convocation. The page also displays a graph showing the number of graduates of every convocation. | | | Pass | Have every information. |
| TC\_09 | Clicking on 1st Convocation | | 211.1.6.1 | | | 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. | | There is no picture of this convocation. | | | Failed | The test case failed |
| TC\_10 | Clicking on 2nd Convocation | | 211.1.6.2 | | | Clicking on 2nd Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the first convocation. | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_11 | Clicking on 3rd Convocation | | 211.1.6.3 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_12 | Clicking on 4th Convocation | | 211.1.6.4 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_13 | Clicking on 5th Convocation | | 211.1.6.5 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_14 | Clicking on 6th Convocation | | 211.1.6.6 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_15 | Clicking on 7th Convocation | | 211.1.6.7 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_16 | Clicking on 8th Convocation | | 211.1.6.8 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_17 | Clicking on 9th Convocation | | 211.1.6.9 | | | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | | There is no picture of that convocation | | | Failed | The test case failed |
| TC\_18 | | Clicking on 10th convocation | | 211.16.10 | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | There is no picture of that convocation. | | Failed | Dose not contain all preferred items. | | |
| TC\_19 | | Clicking on 11th convocation | | 211.1.6.11 | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | There is no picture of that convocation. | | Failed | Dose not contain all preferred items. | | |
| TC\_20 | | Clicking on 12th convocation | | 211.1.6.12 | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | There is no picture of that convocation. | | Failed | Dose not contain all preferred items. | | |
| TC\_21 | | Clicking on 13th convocation | | 211.1.6.13 | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | There is no picture of that convocation. | | Failed | Dose not contain all preferred items. | | |
| TC\_22 | | Clicking on 14th convocation | | 211.1.6.14 | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | There is no picture of that convocation. | | Failed | Dose not contain all preferred items. | | |
| TC\_23 | | Clicking on 15th convocation | | 211.1.6.15 | brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation. | | There is no picture of that convocation. | | Failed | Dose not contain all preferred items. | | |

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| TC\_24 | Click the Mouse pointer put on the ‘ABOUT’ | 211.1.7 | Drop-down list appears of which ‘Video’ is the last item. On clicking on ‘Video’, the system displays four video clips to view | Drop-down list appears of which ‘Video’ is the last item. On clicking on ‘Video’, the system displays four video clips to view | PASS | It shows every Items |
| TC\_25 | Putting the mouse pointer over ‘Academic’ in the homepage | 212.0 | Displays a drop-down list with the items –Academic Regulations, Admission & Registration, Courses & Tuition Fees, Academic Calendar | When Clicking on the ‘Academic’ there was not show the all Expected Result Items. | Failed | Does not contain all preferred items. |
| TC\_26 | Clicking on ‘Academic Regulations’ | 212.1 | Clicking on ‘Academic Regulations’ which includes items – Semester System, Teaching Method, Grading System, Computation of CGPA, Sequence of Subjects, Academic Load, Class Attendance, Academic Probation, Warning, Time Limit, Repeating Courses, Transfer of Credits, Discontinuance of Studies, Graduation Requirements, Examination Guidelines, Appeal of a Course Grade, Student Conduct and Disciplinary Actions, Code of Conduct, Offences, Student Organizations and Activities, Political Activities, Sanction, Graduation, Academic Scholarship/Discount Policy | Clicking on ‘Academic Regulations’ which includes items – Semester System, Teaching Method, Grading System, Computation of CGPA, Sequence of Subjects, Academic Load, Class Attendance, Academic Probation, Warning, Time Limit, Repeating Courses, Transfer of Credits, Discontinuance of Studies, Graduation Requirements, Examination Guidelines, Appeal of a Course Grade, Student Conduct and Disciplinary Actions, Code of Conduct, Offences, Student Organizations and Activities, Political Activities, Sanction, Graduation, Academic Scholarship/Discount Policy.  There was not show the all Expected Result Items | Failed | Does not contain all preferred items. |
| TC\_27 | Under ‘Academics’ clicking on ‘Courses and Tuition Fees’ | 212.1.1 | Clicking on ‘Courses and Tuition Fees’ displays a page that contains information about different courses and tuition fees | Clicking on ‘Courses and Tuition Fees’ displays a page that contains information about different courses and tuition fees | PASS | It shows every Items. |
| TC\_28 | Under ‘Academics’ clicked on the ‘Academic Calendar’ | 212.1.2 | Clicked on the ‘Academic Calendar’, the system displays the academic calendar for all three semester. | Clicked on the ‘Academic Calendar’, the system displays the academic calendar for all three semester.  There was not shows the Expected Result Items | Failed | Does not contain all preferred items. |
| TC\_29 | Mouse pointer is put over ‘Administration’ | 213.0 | Drop-down list with the following items is displayed –The Vice Chancellor, The Pro-Vice Chancellor, The Chairman, The Founders | Drop-down list with the following items is displayed –The Vice Chancellor, The Pro-Vice Chancellor, The Chairman, The Founders  There was not shows the Expected Result Items | Failed | Does not contain all preferred items. |
| TC\_30 | Mouse pointer is put over ‘Offices’ | 214.0 | Drop-down list with the following items is displayed – Office of Planning & Development(OPD), Office of Cultural Affairs (OCA), Office of Sports (OS), Office of Probation (OP), Office of Placement & Alumni (OPA), Office of Students Affairs (OSA), Office of Public Relations (OPR), Office of International Students (OIS), Office of Finance and Audit (OFA). | Drop-down list with the following items is displayed – Office of Planning & Development(OPD), Office of Cultural Affairs (OCA), Office of Sports (OS), Office of Probation (OP), Office of Placement & Alumni (OPA), Office of Students Affairs (OSA), Office of Public Relations (OPR), Office of International Students (OIS), Office of Finance and Audit (OFA).  There was not shows the Expected Result Items | Failed | Does not contain all preferred items. |