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## American International University-Bangladesh (AIUB)

## Department of Computer Science (CS)

## Assignment: Writing and Executing test cases for AIUB system

## Course: Software Quality and Testing

**Test case written by:**

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In the below box all the test cases and their results are given according to the given requirements:

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| **Test Case**  **no.** | **Action / Description** | **Requirement #** | **Expected Results** | **Actual  Results** | **Pass/Fail** | **Comments** |
| TC\_101  19-39756-1 | Go to the website [http://www.](http://www.aiub.edu/)  [aiub.edu](http://www.aiub.edu/)​ and check the navigation bar. | 210.0 | The navigation bar of [http://www.aiub.](http://www.aiub.edu/) should contain the major items Home About Academics Administration Faculties, Offices Admission Contact, Webmail Login. | The navigation bar from [http://www.aiub.](http://www.aiub.edu/)  must contain the main elements  Home, About,  Academic  Administration,  Faculties, offices,  Admission,  Contact, Webmail,  Identify yourself. | Passed | The item passed |
| TC\_102  19-39756-1 | Put the mouse pointer over  ‘About’ | 211.1 | A drop-down list will appear with the items - Information, General Information why Study here, Resources,  Career, Convocation Video. | A drop-down list appears with the items: Information,  general  Information, why  Study here,  Resources,  career Convocation,  Video. | Passed | The item passed |
| TC\_103  19-39756-1 | Click on the link  ‘Information’ | 211.1.1 | Clicking on the link ‘Information’, It will bring a page containing Vision Mission, Quality Policy, Goals | Clicking on the link ‘Information’ brings a page containing Vision Mission,  Quality Policy, Goals | Passed | The item passed |
| TC\_104  19-39756-1 | Click on ‘General Information | 211.1.2 | Clicking on ‘General Information’ will bring to a new page containing information regarding– Degrees Offered at Present, up-coming academic programs, name, and the picture of Academic Council, and name of Board of Trustees ’Nominee | Click on  "General Information" opens a new page containing information about  - Degrees currently offered, upcoming university programs, name of the academic council and name of the candidate for the board of directors, but does not show the picture of the academic Council. | Failed | The Test case Failed |
| TC\_105  19-39756-1 | Click on ‘Why study here’ | 211.1.3 | Clicking on ‘Why study  here’ will bring to a page titled ‘Why study at AIUB?’  Academ | Click on ‘Why study here’ brings to a page titled ‘Why study at AIUB’ | Passed | The item passed |
| TC\_106  19-39756-1 | Click on ‘Resources’ | 211.1.4 | When clicked on ‘Resources’, the system will display a page containing information about Library Facilities, AIUB ICT facilities, Laboratory facilities,Auditorium,Student Health Services, HostelFacilities, Student  Transportation Facilities,Security Services. | By clicking on "Resources", the system displays a page with information about the library facilities, AIUB  ICT facilities, laboratory  Facilities, Auditorium,Student health  Services, Hostel  Installations,  Security services, but does not show Student  Transport  Facilities. | Failed | The Test case Failed |
| TC\_107  19-39756-1 | Click on ‘Career’ | 211.1.5 | Clicking on Career opens a page title “Opportunities for ‘Fresh Graduates’.” | Opens a page titled “Faculty Search” | Failed | The Test case Failed |
| TC\_108  19-39756-1 | Click 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 | Passed | The item passed |
| TC\_109  19-39756-1 | Click 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 | Clicking on 1st Convocation brings to a page but that page doesn’t contain any information about the venue, date, number of students graduated, and pictures of the first convocation. | Failed | The Test case Failed |
| TC\_110  19-39756-1 | Click 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 second convocation | Clicking on 2nd Convocation brings to a page but that page doesn’t contain any information about the venue, date, number of students graduated, and pictures of the second convocation. | Failed | The Test case Failed |
| TC\_111  19-39756-1 | Click on ‘ 3rd Convocation’ | 211.1.6.3 | Clicking on 3rd  Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of  the third convocation | Clicking on 3rd  Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of  the third convocation | Passed | The item passed |
| TC\_112  19-39756-1 | Click on ‘ 4th Convocation’ | 211.1.6.4 | Clicking on 4th  Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of  the fourth convocation | Clicking on 4th Convocation brings to a page but that page only contains information about the venue, date, but don't have any information about the number of students graduated and any pictures of that convocation.. | Failed | The Test case Failed |
| TC\_113  19-39756-1 | Clicking on 5th Convocation | 211.1.6.5 | Clicking on 5th  Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of  the fourth convocation | Clicking on the 5th convocation brings to a page that only contains information about venue and date. Did not show pictures of the convocation and the number of students who graduated. | Failed | The test case failed. |
| TC\_114  19-39756-1 | Clicking on 6th Convocation | 211.1.6.6 | Clicking on 6th  Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of  the fourth convocation | Clicking on the 6th convocation brings to a page that only shows pictures of the convocation. But doesn’t show information about the venue, date and the number of students who graduated. | Failed | The test case failed. |
| TC\_115  19-39756-1 | Clicking on 7th Convocation | 211.1.6.7 | Clicking on 7th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 7th convocation brings to a page that only shows pictures of the convocation. But doesn’t show information about the venue, date and the number of students who graduated. | Failed | The test case failed. |
| TC\_116  19-39756-1 | Clicking on 8th Convocation | 211.1.6.8 | Clicking on 8th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on 8th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Passed | The test case passed. |
| TC\_117  19-39756-1 | Clicking on 9th Convocation | 211.1.6.9 | Clicking on 9th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on 9th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Passed | The test case passed. |
| TC\_118  19-39756-1 | Clicking on 10th Convocation | 211.1.6.10 | Clicking on 10th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 10th convocation brings a page that shows a message saying Coming soon | Failed | The test case failed. |
| TC\_119  19-39756-1 | Clicking on 11th Convocation | 211.1.6.11 | Clicking on 11th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 11th convocation brings a page that shows a message saying Coming soon | Failed | The test case failed. |
| TC\_120  19-39756-1 | Clicking on 12th Convocation | 211.1.6.12 | Clicking on 12th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 12th convocation brings a page that shows a message saying Coming soon | Failed | The test case failed. |
| TC\_121  19-39756-1 | Clicking on 13th Convocation | 211.1.6.13 | Clicking on 13th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 13th convocation brings a page that shows a message saying Coming soon | Failed | The test case failed. |
| TC\_122  19-39756-1 | Clicking on 14th Convocation | 211.1.6.14 | Clicking on 14th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 14th convocation brings a page that shows a message saying Coming soon | Failed | The test case failed. |
| TC\_123  19-39756-1 | Clicking on 15th Convocation | 211.1.6.15 | Clicking on 15th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on the 15th convocation brings a page that shows a message saying Oops!  Error | Failed | The test case failed. |
| TC\_124  19-39756-1 | Put the mouse pointer over  ‘About’ | 211.1.7 | A drop-down list will appear of which video  Is the last item | Clicking on ‘Video’ the system displays three video clips to view. | Failed | The test case failed. |
| TC\_125  19-39756-1 | Put the mouse pointer over  ‘About’ | 212.0 | Putting the mouse pointer over ‘Academics’ in the homepage displays a drop-down list with the items –Academic Regulations, Admission & Registration, Courses & Tuition Fees, Academic Calendar | Putting mouse point over ‘Academics’ in the homepage displays a dropdown list with the items- Academic Regulations, Courses & Tuition Fees, Academic Calendar but does not show the Admission and Registration. | Failed | The test case failed |
| TC\_126  19-39756-1 | Clicking on ‘Academic regulation’  bring a page titled ‘Academic Regulations’ | 212.1 | A page titled ‘Academic Regulations’ will appear including the following 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 | A page titled ‘Academic Regulations’ will appear including the following items:  Semester System, Teaching Method, Grading System, Computation of  CGPA, Sequence of Subjects, Academic Load, Class Attendance, Academic Probation, Transfer of Credits, Discontinuance of Studies, Graduation Requirements, Examination  Guidelines, Appeal of a Course Grade, Student Conduct and Disciplinary Actions, Code of Conduct,  Graduation, Academic  Scholarship/Discount Policy  but does not show the warning, Time limit, Repeating Courses, Offences, Student Organizations and Activities, Political Activities and Sanction. | Failed | The test case failed |
| TC\_127  19-39756-1 | Under ‘Academics’ drop-down list, clicking on ‘Courses and Tuition Fees’ | 212.1.1 | Clicking on Under ‘Academics’ drop-down list, clicking on ‘Courses and Tuition Fees’ displays a page that contains information about different courses and tuition fees | Clicking on Under ‘Academics’ a dropdown list occurs and shows courses and tuition fees. | Passed | Test case passes |
| TC\_128  19-39756-1 | Under ‘Academics’ drop-down list, when clicked on the ‘Academic Calendar’, | 212.1.2 | Clicking on Under ‘Academics’ drop-down list, when clicked on the ‘Academic Calendar’, the system displays the academic calendar for all three semester | Clicking on ‘Academics’ dropdown list appears and shows only the months of current semester | Failed | The test case failed |
| TC\_129  19-39756-1 | Mouse pointer is put over ‘Administration’ | 213.0 | Putting mouse pointer on ‘Administration’ it shows The Vice Chancellor, The Pro-Vice Chancellor, The Chairman, The Founders | Putting mouse pointer on ‘Administration’ it shows The Vice Chancellor, The Chairman, The Founders but does not shows the Pro-Vice Chancellor | Failed | The test case failed |
| TC\_130  19-39756-1 | Mouse pointer is put over ‘Offices’ | 214.0 | Putting mouse pointer is put over ‘Offices’, a 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). | Putting mouse pointer is Putting mouse pointer is put over ‘Offices’, a 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 Finance and Audit (OFA) but Office of International Students (OIS) is missing there. | Failed | The test case failed |