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## American International University- Bangladesh (AIUB)

## Department of Computer Science

## Software Quality and Testing (Sec D)

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

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**Test Cases for AIUB system:**

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| **Test Case**# | **Action** | **Requirement#** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| TC\_101 | Clicking on website link | 510.0 | The website http://www.aiub.edu should contain the major items –Home, About, Academics,                              Administration, Faculties, Offices, Admission, Contact, Webmail, Login | When we search the website it shows us exactly what we want to see like home, academics ,faculties ,office, admission, contact, webmail, login. | Passed | It contains all the items as expected. |
| TC\_102 | Put mouse pointer is put over ‘About’ | 511.1 | 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 we Tick on “about” a drop down list opens with –general information ,why study here, resource, career, convocation and video as expected | Passed | As It have fulfilled our expectation. |
| TC\_103 | Clicking on the link ‘Information’ | 511.1.1 | Clicking on the link ‘Information’ brings a page containing Vision, Mission, Quality Policy, Goal | When we Tick on information a page have shown containing vision, mission, quality policy , and goal. | pasp  Passed | it have shown every content as expected. |
| TC\_104 | Clicking on ‘General Information’ | 511.1.2 | ….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 | When we click on ‘General Information’ it brings to a new page containing information regarding –Degrees Offered at Present, Academic Council and Syndicate Members. But otherrequirement are not shown here. | Failed | It Does not contain all preferred items as expected. |
| TC\_105 | Clicking on ‘Why study here’ | 511.1.3 | 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 | It does not show anything special at all ,seems like not updated yet. |
| TC\_106 | Clicking on ‘Resources’ | 511.1.4 | 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 Transportation Facilities’ is missing. Can’t find expected result. |
| TC\_107 | Clicking on ‘Careeer’ | 511.1.5 | 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 for ‘`Faculty Search | Failed | It shows different Page |
| TC\_108 | Clicking on ‘Convocation’ | 511.1.6 | 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 | Contains every information |
| TC\_109 | Clicking on 1st convocation | 511.1.6.1 | 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 that written “Coming soon” | Failed | It shows there is nothing |
| TC\_110 | Clicking on 2nd convocation | 511.1.6.2 | Clicking on 2nd Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | Clicking on 2nd Convocation brings to a page that written “Coming soon” | Failed | It shows there is nothing |
| TC\_111 | Clicking on 3rd convocation | 511.1.6.3 | Clicking on 3rd Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | Clicking on 3rd Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | Passed | Everything is there |
| TC\_112 | Clicking on 4th convocation | 511.1.6.4 | Clicking on 4th Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | Clicking on 4th Convocation brings to a page that contains information about the venue, date,  number of students graduated but there is no pictures of that convocation | Failed | Does not have all information |
| TC\_113 | Clicking on 5th convocation | 511.1.6.5 | Clicking on 5th Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | Clicking on 5th Convocation brings to a page that contains information about the venue, date,  number of students graduated but there is no pictures of that convocation | Failed | Pictures are missing |
| TC\_114 | Clicking on 6th convocation | 511.1.6.6 | Clicking on 6th Convocation brings to a page that contains information about the venue, date,  number of students graduated, and pictures of that convocation | Clicking on 6th Convocation brings to a page that contains only pictures but no information about the venue, date,  number of students graduated | Failed | All informations are missing |
| TC\_115 | Clicking on 7th convocation | 511.1.6.7 | 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 7th Convocation brings to a page that contains only pictures but no information about the venue, date,  number of students graduated | Failed | All informations are missing |
| TC\_116 | Clicking on 8th convocation | 511.1.6.8 | 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 | Everything is there |
| TC\_117 | Clicking on 9th convocation | 511.1.6.9 | 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 | Everything is there |
| TC\_118 | Clicking on 10th convocation | 511.1.6.10 | 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 10th Convocation brings to a page written “Coming soon” | Failed | It shows there is nothing |
| TC\_119 | Clicking on 11th convocation | 511.1.6.11 | 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 11th Convocation brings to a page that written “Coming soon” | Failed | It indicates that there is nothing. |
| TC\_120 | Clicking on 12th convocation | 511.1.6.12 | 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 12th Convocation brings to a page that written “Coming soon” | Failed | It indicates that there is nothing. |
| TC\_121 | Clicking on 13th convocation | 511.1.6.13 | 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 13th Convocation brings to a page that written “Coming soon” | Failed | It indicates that there is nothing. |
| TC\_122 | Clicking on 14th convocation | 511.1.6.14 | 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 14th Convocation brings to a page that written “Coming soon” | Failed | It indicates that there is nothing. |
| TC\_123 | Clicking on 15th convocation | 511.1.6.15 | 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 15th Convocation brings to a page that written “Coming soon” | Failed | It indicates that there is nothing. |
| TC\_124 | Clicking on ‘Video’ | 511.1.7 | If the mouse pointer is put over ‘About’ a drop-down list appears of which ‘Video’ is the last item. On   clicking on ‘Video’, the system displays four video clips to view | If the mouse pointer is positioned over 'About' a drop-down list appears on which 'Video' is the last object. On Clicking on the 'Video' tab, the device will show three video clips to watch. | failed | Requirements full-filled but missing 1 video. |
| TC\_125 | Putting the mouse pointer over ‘Academics’ | 512.0 | 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 the mouse pointer over ‘Academics’ in the homepage displays a drop-down list with the  items –Academic Registration, Course & result, Drop application, Offered course, My curriculum, financial. | Failed | Expected result didn’t match fully with the actual result but there is a one matching. |
| TC\_126 | Clicking on ‘Academic Regulations’ | 512.1 | Clicking on ‘Academic Regulations’ bring to a page titled ‘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’ bring to a page titled ‘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 | Passed | Here its requirement are full filled. |
| TC\_127 | Clicking on ‘Courses and Tuition fees’ | 512.1.1 | Under ‘Academics’ drop-down list, clicking on ‘Courses and Tuition Fees’ displays a page that contains  information about different courses and tuition fees | Under ‘Academics’ drop-down list, clicking on ‘Courses and Result’ displays a page that contains  information about different courses and its result. | Failed | There is some little miss-match. |
| TC\_128 | Clicked on ‘Academic Calendar’ | 512.1.2 | Under ‘Academics’ drop-down list, when clicked on the ‘Academic Calendar’, the system displays the    academic calendar for all three semester | Under ‘Academics’ drop-down list, there is no button as Academic Calendar. | Failed | The total information is wrong. |
| TC\_129 | Mouse pointer put over ‘Administration’ | 513.0 | When the mouse pointer is put over ‘Administration’, a drop-down list with the following items is  displayed –The Vice Chancellor, The Chairman, The Founders | When the mouse pointer is put over ‘Administration’, a drop-down list with the following items is  displayed –The Vice Chancellor, The Chairman, The Founders | Passed | The information is totally correct. |
| TC\_129 | Mouse pointer put over ‘Admission’ | 515.0 | When the mouse pointer is put over ‘Admission’, a drop-down list with the following items is  displayed – Admission Information,  Admission Requirements | When the mouse pointer is put over ‘Admission’, a drop-down list with the following items is  displayed – Admission Information,  Admission Requirements | Passed | This site shows the actual result. |
| TC\_130 | Mouse pointer put over ‘Offices’ | 516.0 | When the 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) | When the 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) | Passed | Contains every information |