## Software Quality Testing

Sec- B

## Executing test cases for AIUB system

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| **Test Case #** | **Action / Description** | **Requirement #** | **Expected Results** | **Actual Results** | **Pass / Fail** | **Comments** |
| TC\_01 | Go to the website http://www.aiub.edu | 210.0 | The website http://www.aiub.edu should contain the major items –Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login | The website contains the major items –Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login | Passed | The item passed. |
| TC\_02 | Put the mouse pointer over ‘About’ | 211.1 | A drop-down list opens with the items –Information,  General Information, Why Study here, Resources, Career, Convocation, Video | A drop-down list opens with the items –Information,  General Information, Rules of Campus Entry, Why Study here, Resources, Career, Convocation, Video | Failed | In ‘About’ their shows an extra feature called Rules of Campus entry. It should not be in ‘About’. That’s why the test case failed. |
| TC\_03 | Click on the link ‘Information’ | 211.1.1 | Brings a page containing Vision, Mission, Quality Policy, Goals | Brings a page containing Vision, Mission, Quality Policy, Goals, Linkages and Networking, Institutional member, Member, Score Recipient | Failed | The page shows some extra features like-Linkages and Networking, Institutional member, Member, Score Recipient. So, the case failed. |
| TC\_04 | Click on the ‘General Information’ | 211.1.2 | It 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 | It brings to a new page containing information regarding –Degrees Offered at Present, name of Academic Council and name of Syndicate Members | Failed | The test case failed because of some missing information like- up-coming academic programs, picture of Academic Council and name of  Board of Trustees’ Nominee. |
| TC\_05 | Click on ‘Why study here’ | 211.1.3 | It brings to a page titled ‘Why study at AIUB?’ | It brings to a page titled ‘Why Study Here’ | Failed | After clicking on ‘Why Study Here’ the page titled ‘Why study at AIUB?’ isn’t showing. So, the test case failed. |
| TC\_06 | Click on ‘Resources’ | 211.1.4 | 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 Facilities, AIUB ICT facilities, Laboratory facilities, Auditorium, Student Health Services, Hostel Facilities, Security Services | Failed | Student Transportation Facilities is missing on the display page. That is why this test case failed. |
| TC\_07 | Click on ‘Career’ | 211.1.5 | The system opens a page titled Career Opportunities for ‘`Fresh Graduates’ | By clicking on ‘Career’ the system opens a page titled Faculty Search | Failed | After clicking on ‘Career’ the page titled Career Opportunities for ‘Fresh Graduates' isn’t showing. So, the test case failed. |
| TC\_08 | Click on ‘Convocation’ | 211.1.6 | Clicking on ‘Convocation’ will bring a page titled ‘Convocation’ with a list from 1st Convocation to 15th Convocation. The page will also display a graph showing the number of graduates of every Convocation | Clicking on ‘Convocation’ brings a page titled Convocation with a list from 1st Convocation to 15th Convocation and it displays a graph showing the number of graduates of every Convocation | Passed | The item passed. |
| TC\_09 | Click on 1st Convocation | 211.1.6.1 | Clicking on 1st Convocation will bring 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 which displays ‘Coming Soon…’ inside a border. | Failed | There is no information about Convocation venue, date, number of students graduated & there is no picture of that Convocation. The page doesn’t contain any data. So, the test case failed. |
| TC\_10 | Click on 2nd Convocation | 211.1.6.2 | Clicking on 2nd Convocation will bring 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 which displays ‘Coming Soon…’ inside a border. | Failed | There is no information about Convocation venue, date, number of students graduated & there is no picture of that Convocation. The page doesn’t contain any data. So, the test case failed. |
| TC\_11 | Click on 3rd Convocation | 211.1.6.3 | Clicking on 3rd Convocation will bring 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 which contains information about the venue, date, number of students graduated & pictures of that convocation | Passed | The item passed. |
| TC\_12 | Click on 4th Convocation | 211.1.6.4 | Clicking on 4th Convocation will bring 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 which contains information about the venue, date of that convocation | Failed | The pictures & the number of students graduated of that Convocation is missing. So, the test case failed. |
| TC\_13 | Click on 5th Convocation | 211.1.6.5 | By clicking on 5th Convocation will bring 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 which contains information about the venue & date of that convocation | Failed | The pictures & the number of students graduated of that Convocation is missing. So, the test case failed. |
| TC\_14 | Click on 6th Convocation | 211.1.6.6 | By clicking on 6th Convocation will bring 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 which contains pictures of that convocation | Failed | The venue, date & number of students graduated of that Convocation is missing. So, the test case failed. |
| TC\_15 | Click on 7th Convocation | 211.1.6.7 | By clicking on 7th Convocation will bring 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 which contains pictures of that convocation | Failed | The venue, date & number of students graduated of that Convocation is missing. So, the test case failed. |
| TC\_16 | Click on 8th Convocation | 211.1.6.8 | By clicking on 8th Convocation will bring 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 which contains information about the venue, date, number of students graduated & pictures of that convocation | Passed | The item passed. |
| TC\_17 | Click on 9th Convocation | 211.1.6.9 | By clicking on 9th Convocation will bring 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 which contains information about the venue, date, number of students graduated & pictures of that convocation | Passed | The item passed. |
| TC\_18 | Click on 10th Convocation | 211.1.6.10 | By clicking on 10th Convocation will bring 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 which displays ‘Coming Soon…’ inside a border. | Failed | There is no information about Convocation venue, date, number of students graduated & there is no picture of that Convocation. The page doesn’t contain any data. So, the test case failed. |
| TC\_19 | Click on 11th Convocation | 211.1.6.11 | By clicking on 11th Convocation will bring 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 which displays ‘Coming Soon…’ inside a border. | Failed | There is no information about Convocation venue, date, number of students graduated & there is no picture of that Convocation. The page doesn’t contain any data. So, the test case failed. |
| TC\_20 | Click on 12th Convocation | 211.1.6.12 | A page will appear that contains information about the venue, date, number of students graduated, and pictures of that convocation | The page shows a message which is “coming soon” | Failed | The page shows a message which is “coming soon” that is why it failed. |
| TC\_21 | Click on 13th Convocation | 211.1.6.13 | A page will appear that contains information about the venue, date, number of students graduated, and pictures of that convocation | The page shows a message which is “coming soon” | Failed | The page shows a message which is “coming soon” that is why it failed. |
| TC\_22 | Click on 14th Convocation | 211.1.6.14 | A page will appear that contains information about the venue, date, number of students graduated, and pictures of that convocation | The page shows a message which is “coming soon” | Failed | The page shows a message which is “coming soon” that is why it failed. |
| TC\_23 | Click on 15th Convocation | 211.1.6.15 | A page will appear that contains information about the venue, date, number of students graduated, and pictures of that convocation | The page shows a message which is “coming soon” | Failed | The page shows a message which is “coming soon” that is why it failed. |
| TC\_24 | Put the mouse pointer over ‘About’ | 211.1.7 | Clicking on ‘About’ a drop-down list will appears of which ‘Video’ is the last item. On clicking on ‘Video’, the system displays four video clips to view | Clicking on ‘Video’, the system displays three video clips to view | Failed | The system failed because the system displays three video clips to view. |
| TC\_25 | Put the mouse pointer over ‘Academics’ in the homepage | 212.0 | A drop-down list will appear with the items –Academic Regulations, Admission & Registration, Courses & Tuition Fees, Academic  Calendar | The list appears without Admission & Registration items | Failed | The list appears without Admission & Registration items that is why the test case failed. |
| TC\_26 | Click on ‘Academic Regulations’ | 212.1 | It will bring 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 | The 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, Sanction, Graduation, Academic Scholarship/Discount Policy | Failed | This list appears without Political Activities. So, the test case failed. |
| TC\_27 | Under ‘Academics’ drop-down list, click on ‘Courses and Tuition Fees’ | 212.1.1 | It will display a page that contains  information about different courses and tuition fees | Displays a page that contains information about different courses and tuition fees | Passed | The item passed. |
| TC\_28 | Under ‘Academics’ drop-down list, click on the ‘Academic Calendar’ | 212.1.2 | The system will display the  academic calendar for all three semesters | The system displays the academic calendar for the running semester | Failed | The test case failed because the other two semesters academic calendar was not there. |
| TC\_29 | Put the mouse pointer over ‘Administration’ | 213.0 | A drop-down list with the following items will display – The Vice Chancellor, The Chairman, The Founders | A drop-down list with the following items is displayed –The Vice Chancellor, The Chairman, The Founders | Passed | The item passed |
| TC\_30 | Put the mouse pointer over ‘Admission’ | 214.0 | A drop-down list with the following items will  display – Admission Information, Online Admission | A drop-down list with the following items is displayed – Admission Information, Online Admission | Passed | The item passed |
| TC\_31 | Put the mouse pointer over ‘Offices’ | 215.0 | A drop-down list with the following items will  display – 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) | 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), AIUB Center Research and Excellence(ACRE), Office of Public Relations (OPR), Office of Finance and Audit (OFA), Office of the Controller of Examination, Office of the Registrar. | Failed | This list appears without AIUB Center Research and Excellence (ACRE), Office of the Controller of Examination, Office of the Registrar. That’s why the test case failed. |