SOFTWARE QUALITY AND TESTING

**TOPIC**: Developing and executing test cases for AIUB system

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| **Test Case #** | **Action** | **Requirement #** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| TC\_201 | Should contain the major items | 110.0 | The major items will be –Web Mail, Login, About Us, Academics, Faculty, Offices, Administration, Miscellaneous, Admission, Contact, and Career | The major items appear –Web Mail, Login, Home, About, Academics, Administration, Faculties, Offices, Admission, and Contact. | Failed | The test case failed (In the main menu bar there are Web Mail, Login, Home, About, Academics, Administration, Faculties, Offices, Admission, and Contact. But expected result About Us , Miscellaneous &  Career are missing) |
| TC\_202 | Put the mouse pointer over About Us | 111.1 | A drop-down list will appear with the items –Home, Introduction, General Information, Why study here, Resources, Convocation | A drop-down list appears with the items – Home, Introduction, General Information, Why Study here, Resources, Convocation | Failed | The test case failed (The drop-down list does not appear only General Information, Why Study here, Resources, Convocation are showing instead of introduction there is information and also three extra list such as Rules of Campus Entry,  Career and Video.) |
| TC\_203 | Click on ‘Home’ | 111.1.1 | Clicking on the ‘Home’ brings to [http://www.aiub.edu](http://www.aiub.edu/) | Clicking on the ‘Home’ brings to[http://www.aiub.edu](http://www.aiub.edu/) | Failed | The test case failed (the about menu bar does not contain home as list contain but there is also a Main menu bar |

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|  |  |  |  |  |  | called Home and clicking on that brings to  [http://www.aiub.ed](http://www.aiub.ed/) u ) |
| TC\_204 | Click on ‘Introduct ion’ | 111.1.2 | Clicking on “Introduction” brings to a new page titled “Overview of American International University- Bangladesh (AIUB)” which contains Vision, Mission and Goals of the university. | Clicking on “Information” brings to a new page titled “Overview of American International University- Bangladesh (AIUB)” which contains Vision, Mission, Quality policy, Goals, Linkage and Networking, Institutional member,  Member and Score Recipient: CODE 7067. | Failed | The test case failed (Instead of introduction there is information and clicking on thatbrings to a new page titled  “Overview of American InternationalUniver sity-  Bangladesh (AIUB)” which contain extra Quality policy, Linkage and Networking,  Institutional member, Member and Score Recipient: CODE 7067) |
| TC\_205 | Click on “General Informati  on” | 111.1.3 | Clicking on ‘General Information’ brings to a page titled DEGREES OFFERED  AT PRESENT | Clicking on ‘General Information’ brings to a page titled DEGREES OFFERED  AT PRESENT | Passed | The item passed |
| TC\_206 | Click on “Why study here” | 111.1.4 | 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 | The test case failed (Expected title was “Why study at AIUB” but actual result is WHY STUDY HERE?’) |
| TC\_207 | Click on | 111.1.5 | When clicked on ‘Resources’, | Clicking on ‘Resources’, the | Failed | The test case failed |

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|  | “Resourc es” |  | the system displays a page containing information about Library Facilities,  AIUB ICT facilities, Laboratory facilities, Student Health Services, Hostel Facilities, Security Services | system displays a page containing information about Library Facilities,  AIUB ICT facilities, Laboratory facilities, Auditorium, Student Health Services, Hostel Facilities, Security Services. |  | (Contains extra information Auditorium and other) |
| TC\_208 | Click on “CONVO CATION ” | 111.1.6 | Clicking on ‘Convocation’ brings to a page titled ‘CONVOCATION’ with a list from 1st Convocation to 10th  Convocation | Clicking on ‘Convocation’ brings to a page titled ‘CONVOCATION’ with a list from 1st Convocation to 15th  Convocation. | Failed | There are showing 1st to 15th convocation list |
| TC\_209 | Click on “1st CONVO CATION ” | 111.1.6.1 | Clicking on 1st Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of that convocation | Clicking on 1st Convocation brings to a page titled “1st CONVOCATION” that  contains Coming soon. | Failed | The test case failed (information about the venue, date, number of students graduated, and pictures of that convocation are  missing ) |
| TC\_210 | Click on “2nd CONVO CATION ” | 111.1.6.2 | 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 titled “2nd CONVOCATION” that  contains Coming soon. | Failed | The test case failed (information about the venue, date, number of students graduated, and pictures of that convocation are missing ) |
| TC\_211 | Click on “3rd CONVO CATION ” | 111.1.6.3 | 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 titled “3rd CONVOCATION” that  contains information about the venue, date, number of  students graduated, and pictures of that convocation. | Failed | The test case failed (number of students graduated is missing) |
| TC\_212 | Click on “4th | 111.1.6.4 | Clicking on 4th Convocation brings to a page that contains | Clicking on 4th Convocation brings to a page titled “4th | Failed | The test case failed (number of students |

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|  | CONVO CATION ’’ |  | information about the venue, date, number of students graduated, and pictures of that convocation | CONVOCATION” that  contains information about the venue, date, guests |  | graduated and photos are missing) |

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| TC\_213 | Click on “5th CONVOCATIO N’’ | 111.1.6.5 | 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 titled “5th CONVOCATION” that contains information about the venue, date, guests | Failed | The test case failed (number of students graduated and photos are missing) |
| TC\_214 | Click on “6th CONVOCATIO N’’ | 111.1.6.6 | Clicking on 6thConvocation 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 titled “6th CONVOCATION” that contains photos | Failed | The test case failed (venue, date, number of students graduated are missing) |
| TC\_215 | Click on “7th CONVOCATIO N’’ | 111.1.6.7 | Clicking on 7thConvocation 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 titled “7th CONVOCATION” that contains photos | Failed | The test case failed (venue, date, number of students graduated are missing) |
| TC\_216 | Click on “8th CONVOCATIO N’’ | 111.1.6.8 | Clicking on 8thConvocation 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 titled “8th CONVOCATION” that contains about the venue, date, guests, photos | Failed | The test case failed(number of students graduated is missing) |
| TC\_217 | Click on “9th CONVOCATIO N’’ | 111.1.6.9 | Clicking on 9thConvocation 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 titled “9th CONVOCATION” that contains about the venue, date, guests, photos | Failed | The test case failed(number of students graduated is missing) |

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| TC\_218 | Click on “10th CONVOCATIO N’’ | 111.1.6.10 | Clicking on 10thConvocation 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 titled “10th CONVOCATION” that contains Coming soon. | Failed | The test case failed(information about the venue, date, number of students graduated, and pictures of that convocation are  missing) |
| TC\_219 | Put the mouse pointer over “ Academics” | 112.0 | 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 Regulations, Courses & Tuition Fees, Academic calendar | Failed | The test case failed (Admission & Registration is missing) |
| TC\_220 | Clicking on Academic “Regulations” | 112.1 | Clicking on Academic Regulations bring to a page  titled ‘Academic Regulations’ which includes items – Academic Load, Academic Probation, Appeal of a Course Grade, Class Attendance,  Code  of Conduct, Computation of CGPA, Discontinuance of Studies, Examination Guidelines, Grading System, Graduation, Graduation Requirements,  Offences, Repeating Courses, Sanction,Sequence of Subject, Semester System, Student Conduct and Disciplinary Actions, Student Organizations and Activities, Teaching Method, Time Limit, Transfer of | Clicking on Academic Regulations bring to a page  titled ‘Academic Regulations’ which includes items – Academic Load, Academic Probation, Appeal of a Course Grade, Class Attendance,  Code  of Conduct, Computation of CGPA, Discontinuance of Studies, Examination Guidelines, Grading System, Graduation, Graduation Requirements,  Offences, Repeating Courses, Sanction, Sequence of Subject, Student Conduct and Disciplinary Actions, Student Organizations and Activities, Teaching Method, Time Limit, Transfer of Credits, Warning | Failed | The test case failed (semester system , Academic Calender is missing) and order of list don’t matching. |

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|  |  |  | Credits,Warning, Academic Calendar |  |  |  |
| TC\_221 | Clicking on “Admission & Registration” | 112.2 | Clicking on Admission & Registration displays a page that contains Admission Schedule for four  semesters –Spring, Summer I, Summer II, Fall | Admission & Registration is missing | Failed | The test case failed (Admission & Registration is missing) |
| TC\_222 | When clicked on “Courses & Tuition Fees” | 112.3 | When clicked on Courses & Tuition Fees, the system  displays a page titled ‘Course curriculums and Tuition Fees’ | When clicked on Courses & Tuition Fees, the system displays a page titled ‘COURSES & TUITION FEES’ | Failed | The test case failed Course curriculums and Tuition Fees’ title is missing |
| TC\_223 | When clicked on the ‘Academic Calendar’, | 112.4 | When clicked on the ‘Academic Calendar’, it displays the academic calendar for all semesters | When clicked on the ‘Academic Calendar’, it displays the academic calendar of running semester | Failed | The test case failed (only show the calendar of running semester) |
| TC\_224 | Putting the mouse pointer over Faculty | 113.0 | Display a drop-down list with the items –  Faculty of Science & Information Technology,  Faculty of Engineering,  Faculty of Business Administration, Faculty of Arts & Social Sciences, Faculty List. | Display a drop-down list with the items –  Faculty of Arts & Social Science, Faculty of Business Administration, Faculty of Engineering,  Faculty of Science & Technology, Faculty List. | Failed | 1. Order of the list does not maintained. 2. Two spelling mistakes.   (Faculty of Science & Information Technology& Faculty  of Arts & Social Sciences). |
| TC\_225 | Click on Faculty of Science & Information Technology | 113.1 | The system displays a page titled Faculty of Science & Information Technology. | The system redirect to a new url which is https://fsit.aiub.edu | Failed | The system don’t display any titled page. |
| TC\_226 | Click on Faculty of Engineering | 113.2 | The system displays a page titled Faculty of Engineering. | The system displays a page titled Faculty of Engineering. | Passed | The item passed. |
| TC\_227 | Click on Faculty of  Business Administration | 113.3 | The System displays a page titled Faculty of Business Administration. | The System displays a page titled Faculty of Business Administration. | Passed | The item passed. |
| TC\_228 | Click on Faculty of Arts & Social Sciences | 113.4 | The system bring to a page titled FASS | The system bring to a page titled Faculty of Arts & Social Sciences | Failed | Spelling mistake of the Tittle or on a wrong page. |

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| TC\_229 | Click on Faculty List | 113.5 | The system brings a page titled TEACHERS OF AIUB | The system bring to a page titled FACULTY LIST | Failed | Spelling mistake of  the Tittle or wrong page. |
| TC\_230 | Putting the mouse pointer over Administration | 114.0 | A drop-down list with the following items will be displayed –  The Vice Chancellor, The Chairman,  The Pro-Vice Chancellor, The Founders | A drop-down list with the following items will be displayed –  The Vice Chancellor, The Chairman,  The Founders. | Failed | The Pro-Vice Chancellor Page is Missing. |