

# 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 <a href="http://www.aiub.edu">http://www.aiub.edu</a>	Clicking on the 'Home' brings to <a href="http://www.aiub.edu">http://www.aiub.edu</a>	Failed	The test case failed (the about menu bar does not contain home as list contain but there is also a Main menu bar

						called Home and clicking on that brings to <a href="http://www.aiub.edu">http://www.aiub.edu</a> )
TC_204	Click on 'Introduction'	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 that brings to a new page titled "Overview of American International University-Bangladesh (AIUB)" which contain extra Quality policy, Linkage and Networking, Institutional member, Member and Score Recipient: CODE 7067)
TC_205	Click on "General Information"	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

	“Resources”		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 “CONVOCATION”	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 1 <sup>st</sup> to 15 <sup>th</sup> convocation list
TC_209	Click on “1 <sup>st</sup> CONVOCATION”	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 “1 <sup>st</sup> 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 CONVOCATION”	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 “2 <sup>nd</sup> 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 CONVOCATION”	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

	CONVO CATION ”		information about the venue, date, number of students graduated, and pictures of that convocation	CONVOCAATION” that contains information about the venue, date, guests		graduated and photos are missing)
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TC_213	Click on “5th CONVOCAATION N”	111.1.6.5	Clicking on 5 <sup>th</sup> 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 CONVOCAATION” 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 CONVOCAATION N”	111.1.6.6	Clicking on 6 <sup>th</sup> 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 titled “6th CONVOCAATION” that contains photos	Failed	The test case failed (venue, date, number of students graduated are missing)
TC_215	Click on “7th CONVOCAATION N”	111.1.6.7	Clicking on 7 <sup>th</sup> 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 titled “7th CONVOCAATION” that contains photos	Failed	The test case failed (venue, date, number of students graduated are missing)
TC_216	Click on “8th CONVOCAATION N”	111.1.6.8	Clicking on 8 <sup>th</sup> 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 titled “8th CONVOCAATION” that contains about the venue, date, guests, photos	Failed	The test case failed(number of students graduated is missing)
TC_217	Click on “9th CONVOCAATION N”	111.1.6.9	Clicking on 9 <sup>th</sup> 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 titled “9th CONVOCAATION” that contains about the venue, date, guests, photos	Failed	The test case failed(number of students graduated is missing)

TC_218	Click on “10th CONVOCATION”	111.1.6.10	Clicking on 10 <sup>th</sup> 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 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 Calendar is missing) and order of list don’t matching.

			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	i) Order of the list does not maintained. ii) 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 <a href="https://fsit.aiub.edu">https://fsit.aiub.edu</a>	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.

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.