



**American International University- Bangladesh (AIUB)**

**Software Quality and Testing**

**Section: F**

**Summer 2021-2022**

**Assignment Title:** Writing and Executing test cases for AIUB system.

**Submitted by**

Sl. No.	Name	ID
1	Marzana Bintay Tuba	20-42158-1
2	Badhan Akter	20-42225-1
3	Sadia Islam	20-43395-1
4	Arlena Awal	19-39419-1
5	Md. Abirul Islam Khan	19-39468-1

**Submitted To**

S.M. Abdur Rouf Bhuiyan  
Assistant Professor  
Dept. of Computer Science

**Sample Test Case Format:**

<b>Test Case #</b>	<b>Action / Description</b>	<b>Requirement #</b>	<b>Expected Results</b>	<b>Actual Results</b>	<b>Status</b>	<b>Comments</b>
TC_101	Visit on the website <a href="http://www.aiub.edu">http://www.aiub.edu</a>	210.0	The website <a href="http://www.aiub.edu">http://www.aiub.edu</a> should contain the major items – Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login	The website <a href="http://www.aiub.edu">http://www.aiub.edu</a> should contain the major items – ABOUT, ACADEMICS, ADMISSION, ON CAMPUS, ADMINISTRATI, RESEARCH, Login, Web Mail, Contact Us, Apply	Failed	Some items are missing
TC_102	Put the mouse pointer over ‘About’	211.1	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 the mouse pointer is put over ‘About’, a drop-down list opens with the items – Information, General Information, Rules of Campus Entry, Why Study here, Resources, Career, Convocation, Video	Passed	The item passed
TC_103	Click on the ‘Information’	211.1.1	Clicking on the link ‘Information’ brings a page containing Vision, Mission, Quality Policy, Goals	Clicking on the link ‘Information’ brings a page containing Vision, Mission, Quality Policy, Goals, Linkages and Networking, Institutional member, Member, Score Recipient: CODE 7067	Passed	The test case passed

TC_104	Click on 'General Information'	211.1.2	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	Clicking on 'General Information' brings to a new page containing information regarding –Degrees Offered at Present, up-coming academic programs, name of Academic Council, Board of Trustees' Nominee, Syndicate's Nominees, Member-Secretary, Secretary to the Chairperson and Syndicate Members	Failed	Picture of Academic Council is missing
TC_105	Click on 'Why Study Here'	211.1.3	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	The test case failed
TC_106	Click on 'Resources'	211.1.4	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, Laboratory Facilities, Technology, Student Service Offices, Co-curricular Activities, On-Campus Security, Facilities, Recreation	Failed	The test case failed
TC_107	Click on 'Career',	211.1.5	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 'Career'	Failed	The test case Failed

TC_108	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 20th Convocation. The page also displays a graph showing the number of graduates of every convocation	Passed	The item passed
TC_109	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, a drop-down list appears that contains information about the venue, date, number of students graduated, and Academic Awards	Failed	The test Case Failed because there is no picture of the 1st convocation
TC_110	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 that convocation	Clicking on 2nd Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed because there is no picture of the 2nd convocation
TC_111	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 that convocation	Clicking on 3rd Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed because there is no picture of the 3rd convocation

TC_112	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 that convocation	Clicking on 4th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 4th convocation
TC_113	Click 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 that convocation	Clicking on 5th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 5th convocation
TC_114	Click 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 that convocation	Clicking on 6th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 6th convocation
TC_115	Click 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 7th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 7th convocation

TC_116	Click 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, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 8th convocation
TC_117	Click 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, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 9th convocation
TC_118	Click 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 10th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	The test Case Failed Because there is no picture of the 10th convocation
TC_119	Click 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 11th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	One of the expected information was not available

TC_120	Click 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 12th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	One of the expected information was not available
TC_121	Click 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 13th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	One of the expected information was not available
TC_122	Click 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 14th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	One of the expected information was not available
TC_123	Click 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 15th Convocation, a drop-down list appears that contains information about the venue, date, number of students graduated, Awards and Academic Awards	Failed	One of the expected information was not available

TC_124	Put the mouse pointer over 'About'	211.1.7	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 put over 'About' a drop-down list appears of which 'Video' is the last item. On clicking on 'Video', the system displays more than four video clips to view	Passed	Displays More than four videos
TC_125	Put the mouse pointer over 'Academics'	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	Displays a drop-down list with the items – Academic Regulations, Course Catalog, Tuition Fee, Academic Calendar	Failed	Admission & Registration do not appear
TC_126	Click on 'Academic Regulations'	212.1	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,	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, Transfer of Credits, Retaking Course, Discontinuance of Studies, Appeal of a Course Grade, Student's Code of a Conduct, Dressing	Failed	11 of the expected information was not available



			Student Conduct and Disciplinary Actions, Code of Conduct, Offences, Student Organizations and Activities, Political Activities, Sanction, Graduation, Academic Scholarship / Discount Policy	and Grooming Graduation		
TC_127	Click on 'Courses and Tuition Fees'	212.1.1	Under 'Academics' drop-down list, clicking on 'Courses and Tuition Fees' displays a page that contains information about different courses and tuition fees	There is nothing titled 'Courses and Tuition Fees' there. But there is a title 'Course Catalog' which is unclickable and there is also a title 'Tuition Fee' which contains information about tuition fees	Failed	The test case failed
TC_128	Click on 'Academic Calendar'	212.1.2	Under 'Academics' drop-down list, when clicked on the 'Academic Calendar', the system displays the academic calendar for all three semesters	Under 'Academics' drop-down list, when clicked on the 'Academic Calendar', the system displays the academic calendar for the current semester only	Failed	The test case failed
TC_129	Put the mouse pointer over 'Administration'	213.0	When the mouse pointer is put over 'Administration', a drop-down list with the following items is displayed –The Vice Chancellor, The Pro-Vice Chancellor, The Chairman, The Founders	A drop-down list with the following items is displayed – The Vice Chancellor, The Chairman, The Founders, Institutional Policy & Offices	Failed	The test case failed because The Pro-Vice Chancellor was not found

TC_130	Put the mouse pointer over 'Offices'	214.0	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 International Students (OIS), 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 Controller of Examinations, 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), Office of Guidance Counsellor, Office of Human Resources, Office of Registrar	Failed	Office of International Students (OIS) was not found
--------	--------------------------------------	-------	---	--	--------	--