

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

**Department of Computer Science**

**Software Quality and Testing**

**Fall 2018-2019**

**Project: Developing and Executing test cases for AIUB system**

**SQT [Section- A]**

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| **Test Case #** | **Action** | **Requirem**  **ents #** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| **TC\_101** | Go to the website http://www.ai ub.edu | 110.0 | See menu link or dropped down link list of webmail, about us login, academics ,  faculties , offices , administration ,Admission, contact | The drop down list and menu link list appears with the items- webmail, about us , login, academics, faculties ,offices, administration, admission contact | Passed | The item passed |
| **TC\_101.1** | Go to www.aiub.ed  u | 110.0 | See the miscellaneous | No miscellaneous | Failed | The item failed because this item is not found in  AIUB website. |
| **TC\_101.2** | Go to www.aiub.ed  u | 110.0 | See the Career | Career is not found www.aiub.edu | failed | Career is present in the About us because this item is situated another page. |
| **TC\_102** | Put the mouse  pointer over ‘About Us’ | 111.1 | a drop-down list should open with the items – Home, Introduction,  General Information,  Why Study here,  Resources, Convocation | We can see  Information overview, general information, why study here, Resources, Career opportunity, convocation. | Passed | The items passed |
| **TC\_103** | Click on ‘Home’ | 111.1.1 | Clicking on the link ‘Home’ should bring to http://www.aiub.edu | We can see many informative title about university | Passed | The item passed |
| **TC\_104** | 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 | We can see a page of overview of University. | Passed | Test case passed |
| **TC\_105** | Click on  ‘General  Information’ | 111.1.3 | Clicking on ‘General Information’ brings to a page titled DEGREES OFFERED AT PRESENT | We can see degrees offered at present, Faculty of different department, Upcoming academic programs, convocation chart of 2001-2017,location,  Academic council list. | Passed | The item passed |

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| **Test Case #** | **Action** | **Requirem**  **ents #** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| **TC\_106** | Clicking on ‘Why study here’ | 111.1.4 | Clicking on “Why study here” brings to a page titled “Why study here” | We can see some information of about “Why study here”. | Passed | The item passed |
| **TC\_107** | Click on  ‘Resources’ | 111.1.5 | When clicked on ‘Resources’, the system displays a page containing information about Library Facilities, AIUB ICT facilities,  Laboratory facilities,  Student Health  Services, Hostel  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 | Test case failed because ‘Auditorium’ was not in the requirements, but is present in the website. |
| **TC\_108** | 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 | Test case failed because in the website, there is additional 5 (11th-15th)  convocations  list |
| **TC\_109** | Click on ‘1st 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 that contains nothing about 1st convocation | Failed | Test case failed because nothing found in that link as the requirement shows |
| **TC\_110** | 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 that contains nothing about 2nd convocation | Failed | Test case failed because nothing found in that link as the requirement shows |
| **TC\_111** | 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 that contains information about the venue, date, number of students graduated, and pictures of that convocation | Passed | The item passed |

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| **Test Case #** | **Action** | **Requirem**  **ents #** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| **TC\_112** | Click on ‘4th convocation’ | 111.1.6.4 | 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 of that convocation | Failed | Test case failed because number of students graduated and pictures of convocation are not in that page |
| **TC\_113** | Click on ‘5th convocation’ | 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 that contains information about the venue, date of that convocation | Failed | Test case failed because pictures of convocation are not found |
| **TC\_114** | Click on ‘6th convocation’ | 111.1.6.6 | 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 pictures of that convocation | Failed | Test case failed because venue, date and number of graduates are not found |
| **TC\_115** | Click on ‘7th convocation’ | 111.1.6.7 | 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 pictures of that convocation | Failed | Test case failed because venue, date and number of graduates are not found |
| **TC\_116** | Click on ‘8th convocation’ | 111.1.6.8 | 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 | The item passed |

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| **Test Case #** | **Action** | **Requirem**  **ents #** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| **TC\_118** | Click on ‘9th convocation’ | 111.1.6.9 | 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 | The item passed |
| **TC\_119** | Click on ‘10th convocation’ | 111.1.6.10 | 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 that contains information about the venue, date, number of students graduated, and  pictures of that convocation | Failed | The test case failed |
| **TC\_120** | Put the mouse  pointer over ‘Academics’ | 112.0 | diplay a top down list with items-academic regulations,admission and registration course and tution  fees,academic calender | diplay a top down list with items-academic regulations, course and tution fees,academic calender | Failed | The item failed.cause Admission and Registration part is not included in academic part. |
| **TC\_121** | Click 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 | Academic regulations which includes items – academic load,academic probation appeal of course grade,class attendance,code of conduct,computation of cgpa ,discontinuance of of studies eamination guidelines,grading system graduation requirements offences,repeting course sanction sequence of subject ,semester system student conduct and deceplainery actions student organization and activitiesteaching method,time lemit transfer of credits warning academic calendar. | Failed | The item failed.academic scholarship/disc ount [general and  Alumni]policy is not included in expected result. |

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|  |  |  | Method, Time Limit,  Transfer of Credits,  Warning, Academic  Calendar |  |  |  |
| **TC\_122** | Click on  ‘Admission &  Registration’ | 112.2 | Display a page that contains admission schedule for four semesters spring, summer 1, summer2, fall | Display a page that contains admission schedule for four semesters spring, summer 1, summer2, fall | Failed | The item failed cause in admission part here is only show the admission information and  online admission information. no registration part is included here. |
| **TC\_123** | Click on  ‘Courses &  Tuition Fees’ | 112.3 | The system displays a page titled course curriculums and tutions fees. | The system displays a page titled course curriculums and tutions fees. | Passed | The item passed. |
| **TC\_124** | Click on  ‘Academic  Calendar’ | 112.4 | It display the academic  calendar for all semesters | It display the academic  calendar for all semesters | Passed | The item passed. |
| **TC\_125** | Put the mouse  pointer over  ‘Faculty’ | 113.0 | Display a drop down list with items –faculty of science and information technology, faculty of engineering , faculty of business  administration, faculty of arts and social science ,faculty list. | Display a drop down list with items –faculty of science and information technology, faculty of engineering , faculty of business  administration, faculty of arts and social science,faculty list. | Passed | The item passed |
| **TC\_126** | Click on  ‘Faculty of  Science &  Information  Technology’ | 113.1 | the system displays a page titled Faculty of Science & Information  Technology | the system displays a page titled Faculty of Science & Information  Technology | Passed | The item passed |
| **TC\_127** | 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 |
| **Test Case #** | **Action** | **Requirem**  **ents #** | **Expected Results** | **Actual Results** | **Pass/Fail** | **Comments** |
| **TC\_128** | Click on  ’Faculty of  Business  Admistration’ | 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\_129** | Click on  ‘Faculty of  Arts & Social  Sciences’ | 113.4 | bring to a page titled FASS | bring to a page titled Faculty of Arts & Social  Sciences | Failed | The test case failed because **Expected Results**  **And Actual result not match** |
| **TC\_130** | Click on  ‘Faculty List’ | 113.5 | the system brings a page titled TEACHERS OF AIUB | the system brings a page titled Faculty List | Failed | The test case failed for Actual result page titled show Faculty List |
| **TC\_131** | Put the mouse  pointer over ‘Administrati  on’ | 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 test case failed because in actual result pro-vice chancellor  Is missing |