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## American International University- Bangladesh (AIUB)

## Department of Computer Science

## Software Quality and Testing

## Fall 2018-2019

## Project 2: Developing and Executing test cases for AIUB system

**Group: 1; Section: B**

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| **Test Case #** | **Action** | **Requirement** | **Expected**  **Results** | **Actual**  **Results** | **Pass**  **/Fail** | **Comments** |
| TC\_201 | Go to  http://www.aiub.edu | 110.0 | The website http://www.aiub.edu should contain the major items –Web Mail, Login, About Us,  Academics, Faculty, Offices, Administration, Miscellaneous, Admission, Contact, and Career. | Web Mail, Login,  Academics, Faculty, Offices, Administration, Admission, Contact exist but About Us exist with the name About only. | Failed | This test case is failed because Miscellaneous and Career doesn’t exist and about should be about us. |
| TC\_202 | Mouse pointer is put over ‘About Us’ | 111.1 | When the mouse pointer is put over ‘About Us’, a drop-down list opens with the items –Home, Introduction, General Information, Why Study here, Resources, Convocation. | A drop-down list opens with the items –[General Information](http://www.aiub.edu/about/general-information), [Rules of Campus Entry](http://www.aiub.edu/rules-of-entry-to-the-aiub-campus-premise), [Why Study Here](http://www.aiub.edu/about/why-study-here), [Resources](http://www.aiub.edu/about/resources), [Career](http://www.aiub.edu/career), [Convocation](http://www.aiub.edu/convocation), [Video](http://www.aiub.edu/video) but [Information](http://www.aiub.edu/about/information) exist with a name information. | Failed | The test case failed because the drop down list doesn’t have Home, but there are some other links rules of campus entry, career, video which is not listed in SRS and the name introduction replaced with information. |
| TC\_203 | Clicking on the link ‘Home’. | 111.1.1 | Clicking on the link ‘Home’ should bring to http://www.aiub.edu | Clicking on the link ‘Home’ brings to http://www.aiub.edu | Passed | This test case is passed. |
| TC\_204 | Clicking 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. | Introduction option for clicking not found. | Failed | This test case failed beacause of introduction option not found. There is a similar page exist information. |
| TC\_205 | Clicking on ‘General Information’ | 111.1.3 | Clicking on ‘General Information’ should bring to a page titled DEGREES OFFERED AT PRESENT. | Clicking on ‘General Information’ brings to a page titled DEGREES OFFERED AT PRESENT. | Passed | This test case passed. |
| TC\_206 | Clicking on ‘Why study here’ | 111.1.4 | Clicking on ‘Why study here’ should bring to a page titled ‘Why study at AIUB?’ | Clicking on ‘Why study here’ brings to a page titled ‘Why study at AIUB?’ | Passed | This test case passed. |
| TC\_207 | Clicking on ‘Resources’. | 111.1.5 | When clicked on ‘Resources’, the system should display 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, Student Health Services, Hostel Facilities, Security Services | Passed | This test case passed. |
| TC\_208 | Clicking on ‘Convocation’ | 111.1.6 | Clicking on ‘Convocation’ should bring 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 | This test case failed. |

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| Test Case# | Action | Requirements# | Expected  Results | Actual  Results | Pass/Fail | Comments |
| TC\_208 | Clicking on 1st Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Do not show any information nothing but two text box which is blank | **Failed** | The item failed |
| TC\_209 | Clicking on 2nd Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Do not show any information nothing but two text box which is blank | **Failed** | The item failed |
| TC\_210 | Clicking on 3rd Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Show all information about the venue, date, number of students graduated, and several pictures of that convocation | **Passed** | The item passed |
| TC\_211 | Clicking on 4th Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Only show information about the venue, date, special guest’s name of that convocation | **Failed** | The item failed |
| TC\_212 | Clicking on 5th Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Only show information about the venue, date, special guest’s name of that convocation | **Failed** | The item failed |
| TC\_213 | Clicking on 6th Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Only show several pictures of that convocation | **Failed** | The item failed |
| TC\_214 | Clicking on 7th Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Only show two pictures of that convocation | **Failed** | The item failed |
| TC\_215 | Clicking on 8th Convocation | 111.1.6 | Show information about the venue, date, number of students graduated, and pictures of that convocation | Show all information about the venue, date, number of students graduated, Academic award list and several pictures of that convocation | **Passed** | The item  passed |

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| **Test Case** | **Action** | **Requirement** | **Expected Results** | **Actual**  **Results** | **Pass/Fail** | **Comments** |
| TC-217 | Clicking on 9th Convocation. | 111.1.6 | Contains information about the venue, date, number of students graduated, and pictures of 9th convocation | Contains information about the venue, date, number of students graduated, and pictures of 9th convocation | **Passed** | **Item Passed** |
| TC-218 | Clicking on 10th Convocation. | 111.1.6 | Contains information about the venue, date, number of students graduated, and pictures of 10th convocation | Coming Soon... | **Failed** | **Item Failed** |
| TC-219 | Putting the mouse pointer over ‘Academics’ in the homepage. | 112.0 | 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  Courses & Tuition Fees  Academic Calendar | **Failed** | **Item Failed** |
| TC-220 | Clicking on Academic Regulations. | 112.1 | 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 Credits, Warning,  Academic Calendar | Bring to a page titled ‘Academic Regulations’ which includes items –  [Semester System](http://www.aiub.edu/academics/regulations#SemesterSystem), [Teaching Method](http://www.aiub.edu/academics/regulations#TeachingMethod), [Grading System](http://www.aiub.edu/academics/regulations#GradingSystem), [Computation of CGPA](http://www.aiub.edu/academics/regulations#ComputationOfCGPA), [Sequence of Subjects](http://www.aiub.edu/academics/regulations#SequenceOfSubjects), [Academic Load](http://www.aiub.edu/academics/regulations#AcademicLoad), [Class Attendance](http://www.aiub.edu/academics/regulations#ClassAttendance), [Academic Probation](http://www.aiub.edu/academics/regulations#AcademicProbation), [Warning](http://www.aiub.edu/academics/regulations#Warning), [Time Limit](http://www.aiub.edu/academics/regulations#TimeLimit), [Repeating Courses](http://www.aiub.edu/academics/regulations#RepeatingCourses), [Transfer of Credits](http://www.aiub.edu/academics/regulations#TransferOfCredits), [Discontinuance of Studies](http://www.aiub.edu/academics/regulations#DiscontinuanceOfStudies), [Graduation Requirements](http://www.aiub.edu/academics/regulations#GraduationRequirements), [Examination Guidelines](http://www.aiub.edu/academics/regulations#ExaminationGuidelines), [Appeal of a Course Grade](http://www.aiub.edu/academics/regulations#AppealOfACourseGrade), [Student Conduct and Disciplinary Actions](http://www.aiub.edu/academics/regulations#StudentConductAndDisciplinaryActions), [Code of Conduct](http://www.aiub.edu/academics/regulations#CodeOfConduct), [Offences](http://www.aiub.edu/academics/regulations#Offences), [Student Organizations and Activities](http://www.aiub.edu/academics/regulations#StudentOrganizationsAndActivities), [Sanction](http://www.aiub.edu/academics/regulations#Sanction), [Graduation (Academic Honors and Awards)](http://www.aiub.edu/academics/regulations#GraduationAcademicHonorsAndAwards), [Academic Scholarship/Discount [General and Alumni] Policy](http://www.aiub.edu/academics/regulations#AcademicScholarshipDiscountPolicy) | **Failed** | **The Test Case Failed** |
| TC-221 | Clicking on Admission & Registration. | 112.2 | Admission & Registration displays a page that contains Admission Schedule for four semesters –Spring, Summer I, Summer II, Fall | Admission & Registration not found | **Failed** | **Item Failed** |
| TC-222 | Clicking on Courses & Tuition Fees. | 112.3 | System displays a page titled ‘Course curriculums And Tuition Fees’ | System displays a page titled “**Courses & Tuition Fees”** | **Failed** | **Item Failed** |
| TC-223 | Clicking on the ‘Academic Calendar’. | 112.4 | Displays the academic calendar for all semesters | **Displays the academic calendar of** Fall 2018-19 | **Failed** | **Item Failed** |

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| Test Case# | Action | Requirements# | Expected  Results | Actual  Results | Pass/Fail | Comments |
| TC\_224 | Put mouse pointer over faculty display in homepage | 113.0 | 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 | 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 | **Passed** | The item passed |
| TC\_225 | 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\_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 displays a page titled FASS | The system displays a page titled Faculty of Arts & Social Sciences | **Failed** | The test case failed |
| TC\_229 | 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 |
| TC\_230 | Put the mouse pointer over Administration | 113.6 | 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  displaying–The Vice Chancellor, The Chairman, The Founders | **Failed** | The test case failed |