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## American International University- Bangladesh (AIUB)

## Department of Computer Science

## Software Quality and Testing

## Spring 2019-2020

## Assignment: Writing and Executing test cases for AIUB system

**Sec : B**

**Sub : Software Quality & Testing**

**Dept : Computer Science**

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| **Name** | **ID** |
| Sarker, Sayed Ahmed | 17-34150-1 |

**Test Cases :**

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| **Test Case #** | **Action** | **Requirement #** | **Expected Results** | **Actual**  **Results** | **Pass/Fail** | **Comments** |
| TC\_1 | Check the website major items | 110.0 | The website http://www.aiub.edu should contain the all the major items like – Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login must have on the website | The website http://www.aiub.edu contains the all the major items like – Home, About, Academics, Administration, Faculties, Offices, Admission, Contact, Webmail, Login all the item is present on the website | passed | The item is passed |
| TC\_2 | Put the mouse pointer over About | 111.1 | A drop-down list will appear with the items – Information,  General Information, Why Study here, Resources, Career, Convocation, Video | A drop-down list is appear with the items – Information, General Information, Why Study here, Resources, Career, Convocation | Passed | The item is passed |
| TC\_3 | Click on Information | 111.1.1 | Clicking on the link ‘Information’ brings a page containing Vision, Mission, Quality Policy, Goals | Clicking on the link ‘Information’ and it brings the page containing Vision, Mission, Quality Policy, Goals | Passed | The item is passed |
| TC\_4 | Click on general information | 111.1.2 | 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 a new page that contains information regarding –Degrees Offered at Present but the like up-coming academic programs, name and picture of Academic Council, and name of Board of Trustees’ Nominee those are not present. | failed | The test case is failed |
| TC\_5 | Clicking on Why study here | 111.1.3 | 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 is failed |
| TC\_6 | Clicking on Resources | 111.1.4 | 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 | Clicking on the ‘Resources’, the system displays a page contains information about Library Facilities, AIUB ICT facilities, Laboratory facilities, Auditorium, Student Health Services, Hostel Facilities,  Security Services but there is no information about Student  Transportation Facilities | failed | The test case is failed |
| TC\_6 | Clicking on Career | 111.1.5 | When clicked on ‘Career’, the system opens a page titled Career Opportunities for ‘`Fresh Graduates’ | Clicking on ‘Career’, the system opens a page titled Career Opportunities for ‘`GRE INSTRUCTOR SEARCH” | Failed | The test case is failed |
| TC\_7 | Clicking on Convocation | 111.1.6 | 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 the ‘Convocation’ brings to a page titled ‘CONVOCATION’ with a list from 1st Convocation to 15th Convocation. The page is also displays a graph showing the number of graduates of every convocation | Passed | The item is passed |
| TC\_8 | Clicking on the 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 the first convocation | Clicking on 1st Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_9 | Clicking on the 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 the second convocation | Clicking on 2nd Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_10 | Clicking on the 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 the third convocation | Clicking on 3rd Convocation brings to a page that have the information about venue, date, number of students graduated, and pictures of the third convocation | Passed | The item is passed |
| TC\_11 | Clicking on the 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 the fourth convocation | Clicking on 4th Convocation brings to a page that have venue and date information only but no other information about number of students graduated, and pictures of the fourth convocation | Failed | The test case is failed |
| TC\_12 | Clicking on the 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 the fifth convocation | Clicking on 5th Convocation brings to a page that have venue and date information only but no other information about number of students graduated, and pictures of the fifth convocation | Failed | The test case is failed |
| TC\_13 | Clicking on the 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 the sixth convocation | Clicking on 6th Convocation brings to a page that has pictures only but no other information about venue, date, number of students graduated of the sixth convocation | Failed | The test case is failed |
| TC\_14 | Clicking on the 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 the seventh convocation | Clicking on 7th Convocation brings to a page that has pictures only but no other information about venue, date, number of students graduated of the seventh convocation | Failed | The test case is failed |
| TC\_15 | Clicking on the 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 the eighth convocation | Clicking on 8th Convocation brings to a page that have information about venue, date, number of students graduated, and pictures of the eighth convocation | Passed | The item is passed |
| TC\_16 | Clicking on the 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 have information about venue, date, number of students graduated, and pictures of the nineth convocation | Passed | The item is passed |
| TC\_17 | Clicking on the 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 the 10th convocation | Clicking on 10th Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_18 | Clicking on the 11th Convocation | 111.1.6.11 | Clicking on 11th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the 11th convocation | Clicking on 11th Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_19 | Clicking on the 12th Convocation | 111.1.6.12 | Clicking on 12th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the 12th convocation | Clicking on 12th Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_20 | Clicking on the 13th Convocation | 111.1.6.13 | Clicking on 13th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the 13th convocation | Clicking on 13th Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_21 | Clicking on the 14th Convocation | 111.1.6.14 | Clicking on 14th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the 14th convocation | Clicking on 14th Convocation brings to a page that has no information like [raw], [/raw] | Failed | The test case is failed |
| TC\_22 | Clicking on the 15th Convocation | 111.1.6.15 | Clicking on 15th Convocation brings to a page that contains information about the venue, date, number of students graduated, and pictures of the 15th convocation | Clicking on 15th Convocation brings to a page that with error message | Failed | The test case is failed |
| TC\_23 | Clicking on the Video | 111.1.7 | 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 | When the mouse pointer is put over ‘About’ a drop-down list appears of which ‘Video’ is the last item. When clicking on the ‘Video’, the system displays three video clips to view but there has to be four videos | Failed | The test case is failed |
| TC\_24 | Put the Mouse pointer on the 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 | When Putting the mouse pointer over ‘Academics’ in the homepage displays a drop-down list with the items –Academic Regulations, Courses & Tuition Fees, Academic Calendar but there is no  Admission & Registration | Failed | The test case is failed |
| TC\_25 | Clicking on the Academic Regulations | 112.1 | 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, Student Conduct and Disciplinary Actions, Code of Conduct, Offences, Student Organizations and Activities, Political Activities, Sanction, Graduation, Academic Scholarship/Discount Policy | When Clicked on the ‘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, Student Conduct and Disciplinary Actions, Code of Conduct, Offences, Student Organizations and Activities, Sanction, Graduation, Academic Scholarship/Discount Policy but there is no Political Activities item on the list. | Failed | The test case is failed |
| TC\_26 | Clicking on the Courses and Tuition fees | 112.1.1 | Under ‘Academics’ drop-down list, clicking on ‘Courses and Tuition Fees’ displays a page that contains information about different courses and tuition fees | Under ‘Academics’ drop-down list, When clicked on ‘Courses and Tuition Fees’ displays a page that contains information about different courses and tuition fees | Passed | The item is Passed |
| TC\_27 | Clicking the Academic Calendar | 112.1.2 | Under ‘Academics’ drop-down list, when clicked on the ‘Academic Calendar’, the system displays the  academic calendar for all three semester | Under ‘Academics’ drop-down list, when clicked on the ‘Academic Calendar’, the system displays the  academic calendar for only one semester | Failed | The test case is Failed |
| TC\_28 | Put the Mouse Pointer on the Administration | 113.0 | When the mouse pointer is put over ‘Administration’, a drop-down list with the following items is displayed –The Vice Chancellor, The Chairman, The Founders | When the mouse pointer is put over ‘Administration’, a drop-down list comes with the following items is displayed –The Vice Chancellor, The Chairman, The Founders | Passed | The item is Passed |
| TC\_29 | Put the Mouse Pointer on the Administration | 114.0 | 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 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) but there is no Office of International Students (OIS) on the drop down list. | Failed | The test case is Failed |