

## American International University- Bangladesh (AIUB)

## Department of Computer Science

## Fall 2018-19

## Project Name: Test Cases for AIUB system

Submitted To: Farzana Bente Alam

## Subject: Software Quality and Testing

Section:C

Submitted By:

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| Test |  | Action | | | Requirement | Expected | Actual Results | Pass/Fail | Comments |
| case # |  |  |  |  | # | Results |  |  |  |
| TC\_01 |  | Search | | | 110.0 | Open a home | Here all items are | Failed | requirement |
|  |  | [http://www.aiub.](http://www.aiub.edu/) | |  |  | page with | have without |  | “Miscellaneo |
|  |  | [edu](http://www.aiub.edu/) | | |  | requirement | Miscellaneous and |  | us” is missing |
|  |  |  |  |  |  |  | also Career is not |  | and “Career” |
|  |  |  |  |  |  |  | show in menu bar |  | is also |
|  |  |  |  |  |  |  |  |  | missing in |
|  |  |  |  |  |  |  |  |  | menu bar |
| TC\_02 |  | Mouse on “About | | | 111.1 | Open | Open dropdown list | Failed | Unwanted |
|  |  | Us” | | |  | dropdown list | but “introduction” |  | option and |
|  |  |  |  |  |  | with | option not found and |  | one option is |
|  |  |  |  |  |  | requirement | two unwanted option |  | not found |
|  |  |  |  |  |  |  | here |  |  |
| TC\_03 |  | Click on “Home” | | | 111.1.1 | Bring to index | Bring to index page | Passed |  |
|  |  |  |  |  |  | page |  |  |  |
| TC\_04 |  | Click on | | | 111.1.2 | Open a new | “Introduction” option | Failed | Option was |
|  |  | “Introduction” | | |  | page with title | was not found |  | not found |
|  |  |  |  |  |  | on overview of |  |  |  |
|  |  |  |  |  |  | AIUB |  |  |  |
| TC\_05 |  | Click on ‘General | | | 111.1.3 | Bring to a page | Bring to a page title | Passed |  |
|  |  | Information’ | | |  | title of General | of General |  |  |
|  |  |  |  |  |  | Information | Information |  |  |
| TC\_06 |  | Click on ”Why | | | 111.1.4 | Bring to a page | Bring to a page title | Failed | Title is Why |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | study here” |  | title of Why | of Why study HERE |  | Study HERE |
|  |  |  | study at AIUB |  |  |  |
| TC\_07 | Click on | 111.1.5 | Open | Here on dropdown | Passed | Unwanted |
|  | Resources |  | dropdown list | list but every items |  | one option |
|  |  |  | with | have with paragraph |  | “Auditorium” |
|  |  |  | requirement | and also have an |  |  |
|  |  |  | items | extra item |  |  |
|  |  |  |  | “Auditorium” |  |  |
| TC\_08 | Click on | 111.1.6 | Bring to a page | Bring to a page title | Passed | Unwanted 8 |
|  | “Convocation ” |  | title of | of Convocation but |  | 1s |
|  |  |  | “Convocation ” | here have 1st |  | Convocation |
|  |  |  | with 1st | Convocation to 18th |  | list here |
|  |  |  | Convocation to | Convocation |  |  |
|  |  |  | 10th |  |  |  |
|  |  |  | Convocation |  |  |  |

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| TC\_09 | Clicking on 1st | 111.1.6.1 | Brings to a page that | Brings to a page | Failed | The test case |
|  | convocation |  | contains information | that shows |  | failed |
|  |  |  | about the venue, | coming soon |  |  |
|  |  |  | date, number of |  |  |  |
|  |  |  | students graduated |  |  |  |
|  |  |  | and pictures of that |  |  |  |
|  |  |  | convocation. |  |  |  |
| TC\_10 | Clicking on | 111.1.6.2 | Brings to a page that | Brings to a page | Failed | The test case |
|  | 2nd |  | contains information | that shows |  | failed |
|  | convocation |  | about the venue, | coming soon |  |  |
|  |  |  | date, number of |  |  |  |
|  |  |  | students graduated |  |  |  |
|  |  |  | and pictures of that |  |  |  |
|  |  |  | convocation. |  |  |  |
| TC\_11 | Clicking on 3rd | 111.1.6.3 | Brings to a page that | Brings to a page | Passed | The item |
|  | convocation |  | contains information | that contains |  | passed |
|  |  |  | about the venue, | information |  |  |
|  |  |  | date, number of | about the venue, |  |  |
|  |  |  | students graduated | date, number of |  |  |
|  |  |  | and pictures of that | students |  |  |
|  |  |  | convocation. | graduated and |  |  |
|  |  |  |  | pictures of that |  |  |
|  |  |  |  | convocation. |  |  |
| TC\_12 | Clicking on 4th | 111.1.6.4 | Brings to a page that | Brings to a page | Failed | The test case |
|  | convocation |  | contains information | that contains |  | failed |
|  |  |  | about the venue, | information |  |  |
|  |  |  | date, number of | about the venue |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | students graduated | and date but no |  |  |
|  |  |  | and pictures of that | graduate |  |  |
|  |  |  | convocation. | numbers and |  |  |
|  |  |  |  | pictures |  |  |
| TC\_13 | Clicking on 5th | 111.1.6.5 | Brings to a page that | Brings to a page | Failed | The test case |
|  | convocation |  | contains information | that contains |  | failed |
|  |  |  | about the venue, | information |  |  |
|  |  |  | date, number of | about the venue |  |  |
|  |  |  | students graduated | and date but no |  |  |
|  |  |  | and pictures of that | graduate |  |  |
|  |  |  | convocation. | numbers and |  |  |
|  |  |  |  | pictures |  |  |
| TC\_14 | Clicking on 6th | 111.1.6.6 | Brings to a page that | Brings to a page | Failed | The test case |
|  | convocation |  | contains information | that shows only |  | failed |
|  |  |  | about the venue, | pictures of that |  |  |
|  |  |  | date, number of | convocation |  |  |
|  |  |  | students graduated |  |  |  |
|  |  |  | and pictures of that |  |  |  |
|  |  |  | convocation. |  |  |  |
| TC\_15 | Clicking on 7th | 111.1.6.7 | Brings to a page that | Brings to a page | Failed | The test case |
|  | convocation |  | contains information | that shows only |  | failed |
|  |  |  | about the venue, | pictures of that |  |  |
|  |  |  | date, number of | convocation |  |  |
|  |  |  | students graduated |  |  |  |
|  |  |  | and pictures of that |  |  |  |
|  |  |  | convocation. |  |  |  |

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| TC\_16 | Clicking on 8th | 111.1.6.8 | Brings to a page that | Brings to a page | Passed | The item |
|  | convocation |  | contains information | that contains |  | passed |
|  |  |  | about the venue, | information |  |  |
|  |  |  | date, number of | about the venue, |  |  |
|  |  |  | students graduated | date, number of |  |  |
|  |  |  | and pictures of that | students |  |  |
|  |  |  | convocation. | graduated and |  |  |
|  |  |  |  | pictures of that |  |  |
|  |  |  |  | convocation |  |  |
| TC\_17 | Clicking on 9th | 111.1.6.9 | Brings to a page that | Brings to a page | Passed | The item |
|  | convocation |  | contains information | that contains |  | passed |
|  |  |  | about the venue, | information |  |  |
|  |  |  | date, number of | about the venue, |  |  |
|  |  |  | students graduated | date, number of |  |  |
|  |  |  | and pictures of that | students |  |  |
|  |  |  | convocation. | graduated and |  |  |
|  |  |  |  | pictures of that |  |  |
|  |  |  |  | convocation |  |  |
| TC\_18 | Clicking on | 111.1.6.10 | Brings to a page that | Brings to a page | Failed | The test case |
|  | 10th |  | contains information | that shows |  | failed |
|  | convocation |  | about the venue, | coming soon |  |  |
|  |  |  | date, number of |  |  |  |
|  |  |  | students graduated |  |  |  |
|  |  |  | and pictures of that |  |  |  |
|  |  |  | convocation. |  |  |  |

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| TC\_19 | Putting the | 112.0 | Putting the mouse | Putting the mouse | Failed | Admissio |
|  | mouse pointer |  | pointer over | pointer over |  | n & |
|  | over ‘Academics’ |  | ‘Academics’ in the | ‘Academics’ in the |  | Registrat |
|  |  |  | homepage should | homepage displays |  | ion was |
|  |  |  | display a drop- | a drop-down list |  | missing |
|  |  |  | down list with the | with the Items – |  | there. |
|  |  |  | Items –Academic | Academic |  |  |
|  |  |  | Regulations, | Regulations, |  |  |
|  |  |  | Admission & | Courses & Tuition |  |  |
|  |  |  | Registration, | Fees, Academic |  |  |
|  |  |  | Courses & Tuition | Calendar. But it |  |  |
|  |  |  | Fees, Academic | didn’t show |  |  |
|  |  |  | Calendar | Admission & |  |  |
|  |  |  |  | Registration, |  |  |
| TC20 | Clicking on | 112.1 | Clicking on | Clicking on | Failed. | Academi |
|  | Academic |  | Academic | Academic |  | c |
|  | Regulations |  | Regulations should | Regulations brings |  | Calendar |
|  |  |  | bring to a page | to a page titled |  | was not |
|  |  |  | titled ‘Academic | ‘Academic |  | there |
|  |  |  | Regulations’ which | Regulations’ which |  |  |
|  |  |  | includes items – | includes items – |  |  |
|  |  |  | Academic Load, | Academic Load, |  |  |
|  |  |  | Academic | Academic |  |  |
|  |  |  | Probation, Appeal | Probation, Appeal |  |  |
|  |  |  | of a Course Grade, | of a Course Grade, |  |  |
|  |  |  | Class Attendance, | Class Attendance, |  |  |
|  |  |  | Code of Conduct, | Code of Conduct, |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Computation of | Computation of |  |  |
|  |  |  | CGPA, | CGPA, |  |  |
|  |  |  | Discontinuance of | Discontinuance of |  |  |
|  |  |  | Studies, | Studies, |  |  |
|  |  |  | Examination | Examination |  |  |
|  |  |  | Guidelines, Grading | Guidelines, Grading |  |  |
|  |  |  | System, | System, |  |  |
|  |  |  | Graduation, | Graduation, |  |  |
|  |  |  | Graduation | Graduation |  |  |
|  |  |  | Requirements, | Requirements, |  |  |
|  |  |  | Offences, | Offences, |  |  |
|  |  |  | Repeating Courses, | Repeating Courses, |  |  |
|  |  |  | Sanction, Sequence | Sanction, Sequence |  |  |
|  |  |  | of Subject, | of Subject, |  |  |
|  |  |  | Semester System, | Semester System, |  |  |
|  |  |  | Student Conduct | Student Conduct |  |  |
|  |  |  | and Disciplinary | and Disciplinary |  |  |
|  |  |  | Actions, Student | Actions, Student |  |  |
|  |  |  | Organizations and | Organizations and |  |  |
|  |  |  | Activities, Teaching | Activities, Teaching |  |  |
|  |  |  | Method, Time | Method, Time |  |  |
|  |  |  | Limit, Transfer of | Limit, Transfer of |  |  |
|  |  |  | Credits, Warning, | Credits, Warning. |  |  |
|  |  |  | Academic Calendar. | But there is no link |  |  |
|  |  |  |  | for Academic |  |  |
|  |  |  |  | Calendar. |  |  |

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| Test | Action | Requirement # | Expected Results | Actual Results | Pass/Fail | Comments |
| Case # |  |  |  |  |  |  |
| TC\_21 | Admission | 112.2 | This page contains | Displays a page | Failed | This test case |
|  | and |  | Admission | that contains |  | failed |
|  | Registration |  | Schedule for three | Admission |  |  |
|  |  |  | semester-Spring, | Schedule for four |  |  |
|  |  |  | Summer and Fall | semesters – |  |  |
|  |  |  |  | Spring, Summer I, |  |  |
|  |  |  |  | Summer II, Fall |  |  |
|  |  |  |  |  |  |  |
| TC\_22 | clicked on | 112.3 | Clicking on | the system | Passed | The item |
|  | Courses and |  | Courses and | displays a page |  | passed |
|  | Tuition Fees |  | Tuition Fees, the | titled ‘Course |  |  |
|  |  |  | system displays a | curriculums and |  |  |
|  |  |  | page titled ‘Course | Tuition Fees’ |  |  |
|  |  |  | curriculums and |  |  |  |
|  |  |  | Tuition Fees’ |  |  |  |
| TC\_23 | clicked on | 112.4 | Clicking on the | It displays the | Failed | This test case |
|  | the |  | ‘Academic | academic calendar |  | failed |
|  | ‘Academic |  | Calendar’, it | for all semesters |  |  |
|  | Calendar’ |  | displays only for |  |  |  |
|  |  |  | the current |  |  |  |
|  |  |  | running semester, |  |  |  |
|  |  |  | not all semester |  |  |  |
| TC\_24 | putting the | 113.0 | Clicking on Faculty | drop-down list | Passed | The item |
|  | mouse |  | display in the | with |  | passed |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | pointer over |  | homepage drop- | the items –Faculty |  |  |
|  | Faculty |  | down list with | of Science and |  |  |
|  | display in the |  | the items –Faculty | Information |  |  |
|  | homepage |  | of Science and | Technology, |  |  |
|  |  |  | Information | Faculty of |  |  |
|  |  |  | Technology, | Engineering, |  |  |
|  |  |  | Faculty of | Faculty of |  |  |
|  |  |  | Engineering, | Business |  |  |
|  |  |  | Faculty of | Administration, |  |  |
|  |  |  | Business | Faculty of Arts & |  |  |
|  |  |  | Administration, | Social Sciences, |  |  |
|  |  |  | Faculty of Arts & | Faculty List |  |  |
|  |  |  | Social Sciences, |  |  |  |
|  |  |  | Faculty List |  |  |  |
|  |  |  |  |  |  |  |
| TC\_25 | clicked on | 113.1 | Clicking on Faculty | the system | Passed | The item |
|  | Faculty of |  | of Science and | displays a page |  | passed |
|  | Science and |  | Information | titled Faculty of |  |  |
|  | Information |  | Technology, the | Science and |  |  |
|  | Technology |  | system displays a | Information |  |  |
|  |  |  | page titled Faculty | Technology |  |  |
|  |  |  | of Science and |  |  |  |
|  |  |  | Information |  |  |  |
|  |  |  | Technology |  |  |  |
|  |  |  |  |  |  |  |

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| TC\_26 | Clicking on” | 113.2 | When clicked on | When clicked on | Passed | Showed |
|  | Faculty of |  | ‘Faculty of | ‘Faculty of |  | expected |
|  | Engineering” |  | Engineering’, the | Engineering’, the |  | results. |
|  |  |  | system should | system displays a |  |  |
|  |  |  | display a page | page titled Faculty |  |  |
|  |  |  | titled Faculty of | of Engineering |  |  |
|  |  |  | Engineering |  |  |  |
| TC\_27 | Clicking on | 113.3 | When clicked on | When clicked on | Passed | Showed |
|  | “Faculty of |  | ‘Faculty of Business | ‘Faculty of Business |  | expected |
|  | Business |  | Administration’, | Administration’, |  | results. |
|  | Administration” |  | the system should | the system displays |  |  |
|  |  |  | display a page | a page titled |  |  |
|  |  |  | titled ‘Faculty of | ‘Faculty of |  |  |
|  |  |  | Business’ | Business’ |  |  |
|  |  |  | Administration. | Administration. |  |  |
| TC\_28 | Clicking on | 113.4 | Clicking on Faculty | Clicking on Faculty | Failed | The title |
|  | “Faculty of Arts & |  | of Arts & Social | of Arts & Social |  | was not |
|  | Social Sciences” |  | Sciences should | Sciences brings to a |  | FASS |
|  |  |  | bring to a page | page titled Faculty |  |  |
|  |  |  | titled FASS. | of arts and social |  |  |
|  |  |  |  | science. |  |  |
| TC\_29 | Clicking on | 113.5 | When clicked on | When clicked on | Failed | It didn’t |
|  | “Faculty’ List” |  | Faculty List, the | Faculty List, |  | show |
|  |  |  | system should | the system brings a |  | Teachers of |
|  |  |  | bring a page titled | page titled Faculty |  | Aiub |
|  |  |  | ‘TEACHERS OF | List |  |  |
|  |  |  | AIUB’ |  |  |  |

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| TC\_30 | Putting the | 114.0 | When the mouse | When the mouse | Failed | Pro-Vice |
|  | mouse pointer |  | pointer is put over | pointer is put over |  | Chancellor |
|  | over |  | ‘Administration’, a | ‘Administration’, a |  | is missing. |
|  | “Administration” |  | dropdown list with | dropdown list with |  |  |
|  |  |  | the following items | the following items |  |  |
|  |  |  | should be | is displayed – The |  |  |
|  |  |  | displayed – The | Vice Chancellor, |  |  |
|  |  |  | Vice Chancellor, | The Chairman, The |  |  |
|  |  |  | The Chairman, The | Founders. Pro-Vice |  |  |
|  |  |  | Pro-Vice | Chancellor is |  |  |
|  |  |  | Chancellor, The | missing. |  |  |
|  |  |  | Founders. |  |  |  |