# **Test Cases and Test Execution Results**

**Login**

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| Test case ID | TC-001 |
| Test case Title | Authorization |
| Test priority | high |
| Test case Description | Authorize the user’s identity to enter the website |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User’s data is in the database. |
| Post-condition | User is validated with database and successfully login to the account. The account session details are logged in the database. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to login page |  | User should be able to login | User should be able to login | Pass | / |
| 2.Provide valid user email | User email = [psmiths@umd.edu](mailto:psmiths@umd.edu) | Credential can be entered | As expected | Pass | / |
| 3.Provide valid user password | password=passwd0 | Credential can be entered | As expected | Pass | / |
| 3.click login button |  | User logged | User logged successfully | Pass | / |

**Login error**

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| Test case ID | TC-002 |
| Test case Title | Authorization |
| Test priority | high |
| Test case Description | Authorize the user’s identity to enter the website |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User’s data is in the database. |
| Post-condition | User data is invalid, ask user to enter valid user email and password. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to login page |  | User should be able to login | User should be able to login | Pass | / |
| 2.Provide valid user email | User email = [pj23aie2323@umd.edu](mailto:psmiths@umd.edu) | Credential can be entered | As expected | Pass | / |
| 3.Provide valid user password | password=sdjfsdkjfoew | Credential can be entered | As expected | Pass | / |
| 3.click login button |  | Invalid user email and password | Invalid user email and password | Pass | / |

**Logout**

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| Test case ID | TC-003 |
| Test case Title | logout |
| Test priority | high |
| Test case Description | User can logout to the website |
| Date of creation | 12/03/2017 |
| Date of execution | 12/03/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in successfully. |
| Post-condition | User logout successfully. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to any page |  | User have logged in. | As expected | Pass | / |
| 2.Click logout button |  | User can log out successfully | As expected | Pass | / |

**Instructor view student in his class**

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| Test case ID | TC-004 |
| Test case Title | View student list in a class |
| Test priority | high |
| Test case Description | Instructor is able to view students enrolled in the class that he or she is teaching |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as instructor successfully. |
| Post-condition | The web page are responding to user’s click and database is connected and student list is presented in pages corresponding with user’s request. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to home page |  | User should be able to view courses list he or she is teaching | As expected | Pass | / |
| 2.click button to enter in a class |  | User should be able to view course he/she clicked. | As expected | Pass | / |
| 3. Click student on tab |  | User should be able to view student list in the class | As expected | Pass | / |

**Student view assignment grade √**

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| Test case ID | TC-005 |
| Test case Title | View assignment grade |
| Test priority | high |
| Test case Description | Student is able to view his grade of submitted assignment |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as student successfully. |
| Post-condition | The webpages are responding to user’s click and database is connected and grade of assignment is presented in pages corresponding with user’s request. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to home page |  | User should be able to view courses list he or she is learning | As expected | Pass | / |
| 2.click button to enter in a class |  | User should be able to view course details he/she clicked. | As expected | Pass | / |
| 3. Click grades on tab |  | User should be able to view assignment grade in the class | As expected | Pass | / |

**Student view syllabus**

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| Test case ID | TC-006 |
| Test case Title | Student view syllabus |
| Test priority | high |
| Test case Description | Student is able to view syllabus for the course he/she is learning |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as student successfully. |
| Post-condition | The webpages are responding to user’s click and database is connected and syllabus is presented as a pdf in web page corresponding with user’s request. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to home page |  | User should be able to view courses list he or she is learning | As expected | Pass | / |
| 2.click button to enter in a class |  | User should be able to view course details he/she clicked. | As expected | Pass | / |
| 3. Click syllabus on tab |  | User should be able to view syllabus in the class | As expected | Pass | / |
| 4. Click download button |  | The syllabus pdf can be downloaded | As expected | Pass | / |

**Student view assignment list**

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| Test case ID | TC-007 |
| Test case Title | Student view assignment list |
| Test priority | high |
| Test case Description | Student is able to view assignments in the course he/she is learning |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as student successfully. |
| Post-condition | The webpages are responding to user’s click and database is connected and assignments detail is presented in web page corresponding with user’s request. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to home page |  | User should be able to view courses list he or she is learning | As expected | Pass | / |
| 2.click button to enter in a class |  | User should be able to view course details he/she clicked. | As expected | Pass | / |
| 3. Click assignment on tab |  | User should be able to view all the assignment in the class | As expected | Pass | / |
| 4. Click one of the assignment buttons |  | Navigate to assignment detail page | As expected | Pass | / |

**Instructor create and publish syllabus**

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| Test case ID | TC-008 |
| Test case Title | Instructor create and publish syllabus |
| Test priority | high |
| Test case Description | Instructor is able to create and publish syllabus in the course he/she is teaching |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as instructor successfully and navigated to syllabus page. |
| Post-condition | The webpages are responding to user’s click and database is connected. The uploaded syllabus is stored in database and shown in the page. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to syllabus page |  | User should be able to create syllabus. | As expected | Pass | / |
| 2. Click upload file button | Pdf file is selected to upload | File can be selected . | As expected | Pass | / |
| 3. Click open button on the modal dialog |  | File can uploaded. | Message box shows file is uploaded. | Pass | / |
| 6. Click the publish button |  | The uploaded syllabus is published in the page. | As expected | Pass | / |

**Instructor create and publish Assignment**

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| Test case ID | TC-009 |
| Test case Title | Instructor create and publish assignment |
| Test priority | high |
| Test case Description | Instructor is able to create and publish assignment in the course he/she is teaching |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as instructor successfully and navigated to home page. |
| Post-condition | The webpages are responding to user’s click and database is connected. The created assignment is stored in database and shown in the page. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to assignment page |  | User should be able to view and create assignment in this page. | As expected | Pass | / |
| 2. Click choose file button | A File is selected | User can select the file | A modal dialog appears and file can be chosen. | Pass | / |
| 3. Click the open button on the modal dialog |  | Button can be clicked. | FIle name is shown near the button. | Pass | / |
| 4. Enter input box for File name | Enter “ENPM691\_HW1” | Time can be entered | As expected | Pass | / |
| 4. Enter input box for Due date | Enter “12/23/2017” | Time can be entered in format: mm/dd/yyyy | As expected | Pass | / |
| 5. Click the submit button |  | The created assignment is in the database and shown the pages. | As expected | Pass | / |

**Instructor create and unpublish syllabus**

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| Test case ID | TC-010 |
| Test case Title | Instructor create and unpublish syllabus |
| Test priority | high |
| Test case Description | Instructor is able to create and unpublish syllabus in the course he/she is teaching |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as instructor successfully and navigated to syllabus page. |
| Post-condition | The webpages are responding to user’s click and database is connected. The created syllabus is stored in database but not shown in the page. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to syllabus page |  | User should be able to view the syllabus. | As expected | Pass | / |
| 2. Click upload file button | Pdf file is selected to upload | File can be selected . | As expected | Pass | / |
| 3. Click open button on the modal dialog |  | File can uploaded. | Message box shows file is uploaded. | Pass | / |
| 6. Click the publish button to unpublish |  | The uploaded syllabus is unpublished in the page. | As expected | Pass | / |

**Instructor edit Assignment**

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| Test case ID | TC-011 |
| Test case Title | Instructor edit assignment files |
| Test priority | high |
| Test case Description | Instructor is able to edit assignment in the course he/she is teaching |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as instructor successfully and navigated to assignment page. |
| Post-condition | The webpages are responding to user’s click and database is connected. The replaced assignment is stored in database and shown in the page. |

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| Test steps | Test data | Expected Results | Execution results | Status(Pass/Fail) | Note |
| 1.Navigate to assignment page |  | User should be able to view the assignment . | As expected | Pass | / |
| 2. Click choose file button | A file is chosen | A file can be chosen | As expected | Pass | / |
| 3. Enter input box for Assignment name | Enter “Assignment\_One” | Word can be entered, enter the assignment name so that it can be replaced | As expected | Pass | / |
| 4. Refresh the assignment page |  | User can be able to view the replace assignment | As expected | Pass | / |

**Instructor edit syllabus**

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| Test case ID | TC-012 |
| Test case Title | Instructor edit syllabus |
| Test priority | high |
| Test case Description | Instructor is able to edit syllabus in the course he/she is teaching |
| Date of creation | 12/02/2017 |
| Date of execution | 12/02/2017 |
| Testing environment: | Chrome Version 62.0.3202.94 (Official Build) (64-bit) |
| Pre-condition | User has logged in as instructor successfully and navigated to syllabus page. |
| Post-condition | The webpages are responding to user’s click and database is connected. The edited syllabus is stored in database and shown in the page. |