**SOFTWARE TESTING**

**(CSE 455)**

**LAB # 02**

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| **NAME:** | MUAAZ BIN MUKHTAR |
| **REG NO:** | FA21-BSE-045 |
| **CLASS & SECTION:** | BSSE-7A |
| **SUBMITTED TO:** | Mam Najmun Nisa |
| **DATE SUBMITTED:** | 10-09-2024 |



**Department of Computer Science**

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| **Test Case ID** | 1.1 |
| **Test Case Name** | Enter Invalid Password |
| **Test Data** | Registration no: FA21-BSE-045  Password:1111 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters registration number.  2. User enter password.  3. User enters captcha.  4. User clicks login. | 3. Processing  4. Validating |
| **Expected Result** | System will show: *“Unable to login. Please try later.”* |
| **Actual Result** | System shows *“Unable to login. Please try later.”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.2 |
| **Test Case Name** | Enter Invalid Registration Number |
| **Test Data** | Registration no: aa11-bbb-222  Password:1111 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters registration number.  2. User enter password.  3. User enters captcha.  4. User clicks login. | 3. Processing  4. Validating |
| **Expected Result** | System will show *“Reg. No can only contains FA(Fall) or SP(Spring) Session”* |
| **Actual Result** | System shows *“Reg. No can only contains FA(Fall) or SP(Spring) Session”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.3 |
| **Test Case Name** | Login without captcha |
| **Test Data** | Registration no: FA21-BSE-045  Password: muaz\_786 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters registration number.  2. User enter password.  3.. User clicks login. |  |
| **Expected Result** | System will show *“****Check 'I am not robot'.****”* |
| **Actual Result** | System shows *“****Check 'I am not robot'.****”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.4 |
| **Test Case Name** | Enter without reg no |
| **Test Data** | Password:1111 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enter password.  2. User enters captcha.  3. User clicks login. | 2. Processing |
| **Expected Result** | System will show *“****Enter 10 char Valid Reg No.****”* |
| **Actual Result** | System shows *“****Enter 10 char Valid Reg No.****”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.5 |
| **Test Case Name** | Enter without password |
| **Test Data** | Registration no: FA21-BSE-045 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters registration number.  2. User enters captcha.  3. User clicks login. | 2. Processing |
| **Expected Result** | System will show: *“Please fill out this field!”* |
| **Actual Result** | System shows *“Please fill out this field!”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.6 |
| **Test Case Name** | Enter without reg no and password |
| **Test Data** |  |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters captcha.  2. User clicks login. | 1. processing |
| **Expected Result** | System will show: *“Please fill out this field!”* |
| **Actual Result** | System shows *“Please fill out this field!”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.7 |
| **Test Case Name** | Enter without anything |
| **Test Data** |  |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User clicks login. |  |
| **Expected Result** | System will show: *“Please fill out this field!”* |
| **Actual Result** | System shows *“Please fill out this field!”* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.8 |
| **Test Case Name** | Enter after leaving browser for a while |
| **Test Data** | Registration no: FA21-BSE-045  Password:1111 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters registration number.  2. User enter password.  3. User enters captcha.  4. User leaves browser for a while.  5. User clicks login. | 3. Processing |
| **Expected Result** | System will show: *“Verification Expired. Click the check box again.”* |
| **Actual Result** | System shows *“Verification Expired. Click the check box again.””* |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.9 |
| **Test Case Name** | Enter with valid credentials using by roll no |
| **Test Data** | Registration no: FA21-BSE-045  Password: muaz\_786 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1. User enters registration number.  2. User enter password.  3. User enters captcha.  4. User clicks login. | 3. Processing  4. Validating |
| **Expected Result** | System will unlock the portal |
| **Actual Result** | System unlocks the portal |
| **Test Case Status** | Pass |
| **Test Case Status** | Pass |

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| **Test Case ID** | 1.10 |
| **Test Case Name** | Enter with valid credentials using by list |
| **Test Data** | Registration no: FA21-BSE-045  Password: muaz\_786 |
| **Pre-Condition** | User has opened CUOnline |
| **Actions** | **System Response** |
| 1.User selects by list  2. User enters registration number.  3. User enter password.  4. User enters captcha.  5. User clicks login. | 4. Processing  5. Validating |
| **Expected Result** | System will unlock the portal |
| **Actual Result** | System unlocks the portal |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.11 |
| **Test Case Name** | To verify password change successfully with valid data |
| **Test Data** | cui@123456 |
| **Pre-Condition** | * User has access to the internet. * User is logged in |
| **Test Steps** | * User goes to profile * User clicks change password * User enters valid old password * User enters new password * User confirms valid new password * User enters change password |
| **Expected Result** | Show Password change successfully. |
| **Actual Result** | Showing old password is in-correct. |
| **Test Case Status** | Fail |

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| **Test Case ID** | TC 1.12 |
| **Test Case Name** | To verify password don’t change with invalid data |
| **Test Data** | cui@123456789 |
| **Pre-Condition** | * User has access to the internet. * User is logged in |
| **Test Steps** | * User goes to profile * User clicks change password * User enters in-valid old password * User enters new password * User confirms valid new password * User enters change password |
| **Expected Result** | Show old password is in-correct. |
| **Actual Result** | Showing old password is in-correct. |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.13 |
| **Test Case Name** | To verify contact information is updating |
|  | [mubizbinmukhtar@gmail.com](mailto:mubizbinmukhtar@gmail.com)  03005334499  Personal |
| **Pre-Condition** | * User has access to the internet. * User is logged in |
| **Test Steps** | * User goes to profile * User clicks EDIT button * User changes information * User clicks update information. |
| **Expected Result** | Show Contact Information updated Successfully. |
| **Actual Result** | Showing Contact Information updated Successfully. |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.14 |
| **Test Case Name** | To verify registration card is able to print |
| **Test Data** | Registered Courses |
| **Pre-Condition** | * User has access to the internet. * User is logged in |
| **Test Steps** | * User goes to Registration Card * User clicks print registration card * User clicks print or save pdf. |
| **Expected Result** | Print registration card successfully |
| **Actual Result** | Registration Card is printed. |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.15 |
| **Test Case Name** | To verify fee challan is available to view. |
| **Test Data** | Fee challan |
| **Pre-Condition** | * User has access to the internet. * User is logged in * Fee challan is available |
| **Test Steps** | * User goes to fees * User clicks view fee chalan |
| **Expected Result** | User is able to view fees |
| **Actual Result** | Fee challan is preview |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.16 |
| **Test Case Name** | To verify fee challan is available to print. |
| **Test Data** | Fee challan |
| **Pre-Condition** | * User has access to the internet. * User is logged in * Fee challan is available |
| **Test Steps** | * User goes to fees * User clicks view fee chalan * User clicks print fee chalan |
| **Expected Result** | User is able to print fees. |
| **Actual Result** | Fee chalan is printed successfully |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.17 |
| **Test Case Name** | To verify result is available to print. |
| **Test Data** | Result Card |
| **Pre-Condition** | * User has access to the internet. * User is logged in * Result Card is available |
| **Test Steps** | * User goes to Result Card * User clicks print icon * User clicks print. |
| **Expected Result** | User is able to print result card. |
| **Actual Result** | Result card is printed successfully |
| **Test Case Status** | Pass |

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| **Test Case ID** | TC 1.18 |
| **Test Case Name** | To verify SOS is available to print. |
| **Test Data** | SOS available |
| **Pre-Condition** | * User has access to the internet. * User is logged in * SOS is available |
| **Test Steps** | * User goes to SOS * User clicks print status |
| **Expected Result** | User is able to print SOS card. |
| **Actual Result** | SOS card is printed successfully |
| **Test Case Status** | Pass |

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| **Test Case ID** | 2.1 |
| **Test Case Name** | To verify cui portal’s user interface is good and easy to use |
| **Test Data** | User Interaction |
| **Pre-Condition** | * User should have basic knowledge of cui portal |
| **Test Steps** | * Perform common tasks such as print, edit and login/logout. * Observe user interaction * Perform task using different demographics. |
| **Expected Result** | portal should find it easy to perform common tasks without requiring extensive guidance |
| **Actual Result** | Users navigate the application indicating a high level of usability. |
| **Test Case Status** | Pass |

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| **Test Case ID** | 2.2 |
| **Test Case Name** | Load Time for Pages |
| **Test Data** | N/A |
| **Pre-Condition** | User is navigating through different pages on the system. |
| **Steps** | 1. Open and interact with various pages.  2. Measure the time taken for each page to load. |
| **Expected Result** | Pages should load within 3 seconds or less. |
| **Actual Result** | All pages loaded within 3 seconds. |
| **Test Case Status** | Pass |

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| **Test Case ID** | 2.3 |
| **Test Case Name** | Compatibility |
| **Test Data** | N/A |
| **Pre-Condition** | User is using various browsers and devices. |
| **Steps** | 1. Access the system using different browsers and devices.  2. Observe if there are any issues or performance differences. |
| **Expected Result** | System should work efficiently across all major browsers and devices. |
| **Actual Result** | System worked well across all tested browsers and devices. |
| **Test Case Status** | Pass |

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| **Test Case ID** | 2.4 |
| **Test Case Name** | User Interface Consistency |
| **Test Data** | N/A |
| **Pre-Condition** | User is interacting with various parts of the system. |
| **Steps** | 1. Navigate through different sections of the system.  2. Check for consistency in design elements, colors, and layout. |
| **Expected Result** | The user interface should be consistent across different sections, with uniform design elements and layout. |
| **Actual Result** | The interface was consistent across all sections, with uniform design and layout. |
| **Test Case Status** | Pass |

Test Environment: Windows 11, Chrome

Tested by: Muaaz Bin Mukhtar

Date: 10/9/2024