# Test Log

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| Black Box Test 1 | | Test Element: index.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ | | Objective: Test Administrator login functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.1 | Test Administrator login functionality | * Enter Administrator username and password. * Click login button. | Be securely Redirected to Administrator page. (**adminHome.php**) | Securely redirected to administrator page. |

Fig 1.1 the above results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 2 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: user input | | Objective: Test Administrator user creation functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.2 | Test Administrator user creation functionality. | * Click add user button. * Select user course. * Type name and surname. * Select user gender. * Type user email address. * Select user type. * Assign user password. * Click add user button. | Have user added to the user list and database with information entered | User added to the user list and database with information entered |

Fig 1.2 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 3 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: user input | | Objective: Test Administrator course creation functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.3 | Test Administrator user creation functionality. | * Click add course button. * Type course code. * Type course name. * Select faculty. * Type course user ID. * Select user type. * Assign user password. * Click add course button. | Have course added to the course list and database with information entered. | Course added to the course list and database with information entered. |

Fig 1.3 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 4 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: user input | | Objective: Test Administrator faculty creation functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.4 | Test Administrator faculty creation functionality. | * Click add faculty button. * Type faculty ID. * Type faculty name. * Type Pro Vice-Chancellor ID. * Type Director of Learning and Quality ID. * Click add faculty button. | Have a faculty added to the faculty list and database with information entered. | A faculty added to the faculty list and database with information entered. |

Fig 1.4 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 5 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ and user input. | | Objective: Test Administrator user information edit functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.5 | Test Administrator user information edit functionality. | * Click edit user link. * Type new name and surname. * Type new user email address. * Select new user type. * Assign new user password. * Click edit button. | Have updated user information added to database and user list. | Updated user information added to database and user list. |

Fig 1.5 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 6 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’course’ and user input. | | Objective: Test Administrator course information edit functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.6 | Test Administrator course information edit functionality. | * Click edit course link. * Type new course name. * Select new course faculty. * Type user ID. * Click edit button. | Have updated course information added to database and course list. | Updated course information added to database and course list. |

Fig. 1.6 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 7 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’faculty’ and user input. | | Objective: Test Administrator faculty information edit functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.7 | Test Administrator faculty information edit functionality. | * Click edit faculty link. * Type new faculty name. * Type new Pro Vice-Chancellor ID. * Type new Director of Learning and Quality ID. * Click edit button. | Have updated faculty information added to database and faculty list. | Updated faculty information added to database and faculty list. |

Fig 1.7 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 8 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: n/a | | Objective: Test Administrator delete user functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.8 | Test Administrator delete user functionality. | * Click delete user link. * Click Ok on delete user prompt. | * Selected user is deleted. | Selected user is deleted. |

Fig 1.8 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 9 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: n/a | | Objective: Test Administrator delete course functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.9 | Test Administrator delete course functionality. | * Click delete course link. * Click Ok on delete course prompt. | * Selected course is deleted. | Selected course is deleted. |

Fig 1.9 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 10 | | Test Element: adminHome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: n/a | | Objective: Test Administrator delete faculty functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 1.1.1 | Test Administrator delete faculty functionality. | * Click delete faculty link. * Click Ok on delete faculty prompt. | * Selected faculty is deleted. | Selected faculty is deleted. |

Fig 1.1.1 the test results are viewable in the ‘Administrator functions’ screencast available in the group repository.

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| Black Box Test 11 | | Test Element: index.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ | | Objective: Test Course Leader login functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 2.1 | Test Course Leader login functionality. | * Enter Course Leader username and password. * Click login button. | Be securely Redirected to Course Leader page. (**clhome.php**) | Securely redirected to course leader page. |

Fig 2.1 the test results are viewable in the ‘Course monitoring report handling’ screencast available in the group repository.

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| Black Box Test 12 | | Test Element: index.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ | | Objective: Test Course Moderator login functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 2.2 | Test Course Moderator login functionality. | * Enter Course Moderator username and password. * Click login button. | Be securely Redirected to Course Moderator page. (**cmhome.php**) | Securely redirected to course moderator page. |

Fig 2.2 the test results are viewable in the ‘Course monitoring report handling’ screencast available in the group repository.

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| Black Box Test 13 | | Test Element: index.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ | | Objective: Test Director of Learning and Quality login functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 2.3 | Test Director of Learning and Quality login functionality. | * Enter Director of Learning and Quality username and password. * Click login button. | Be securely Redirected to Course Moderator page. (**dlthome.php**) | Securely redirected to Director of Learning and Quality page. |

Fig 2.3 the test results are viewable in the ‘Course monitoring report handling’ screencast available in the group repository.

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| Black Box Test 14 | | Test Element: index.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ | | Objective: Test Pro Vice-Chancellor login functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 2.4 | Test Pro Vice-Chancellor login functionality. | * Enter Pro Vice-Chancellor username and password. * Click login button. | Be securely Redirected to Pro Vice-Chancellor page. (**pvchome.php**) | Securely redirected to Pro Vice-Chancellor page. |

Fig 2.4 the test results are viewable in the ‘Course monitoring report handling’ screencast available in the group repository.

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| Black Box Test 15 | | Test Element: index.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: ‘University’ -> Table:’users’ | | Objective: Test guest. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 2.5 | Test guest login functionality. | * Enter guest username and password. * Click login button. | Be securely Redirected to Pro Vice-Chancellor page. (**guesthome.php**) | Securely redirected to guest page. |

Fig 2.5 the test results are viewable in the ‘Guest functionality screencast’ available in the group repository.

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| Black Box Test 16 | | Test Element: clhome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: user input | | Objective: Test Course leader’s course monitoring report creation functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 3.1 | Test Course leader’s course monitoring report creation functionality. | * Log in as course leader. * Select course. * Select academic level. * Select grade average. * Click ‘post’ button. | * Have course monitoring report created in course table with chosen details and viewable on course leader page and course moderator page. | * Course monitoring report created in course table with chosen details and viewable on course leader page and course moderator page. |

Fig 3.1 the test results are viewable in the ‘course monitoring report handling screencast’ available in the group repository.

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| Black Box Test 17 | | Test Element: clhome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: user input | | Objective: Test Course moderator’s course monitoring report approval functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 3.2 | Test Course moderator’s course monitoring report approval functionality. | * Log in as course moderator. * Click approve on existing course monitoring report. * Click OK on approval prompt. | * Have course monitoring report approval status changed to ‘approved’ in course table and have changes viewable in course moderator page (cmhome.php) and director of learning and quality page. (dlthome.php) | * Course monitoring report approval status changed to ‘approved’ in course table and have changes viewable in course moderator page (cmhome.php) and director of learning and quality page. (dlthome.php) |

Fig 3.2 the test results are viewable in the ‘course monitoring report handling screencast’ available in the group repository.

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| Black Box Test 18 | | Test Element: dlthome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: user input | | Objective: Test Director of learning and quality course monitoring report comment functionality. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 3.3 | Test Director of learning and quality course monitoring report comment functionality. | * Log in as Director of learning and quality. * Click comment on existing course monitoring report. * Type comment in the provided input area on the ‘comment.php page’. | * Have course monitoring report updated with comment and have email sent to Pro vice-chancellor, director of learning and quality, course leader, and course moderator, with updated course monitoring report and made available for view by guest accounts. | * Course monitoring report updated with comment and email sent to Pro vice-chancellor, director of learning and quality, course leader, and course moderator, with updated course monitoring report and made available for view by guest accounts. |

Fig 3.3 the test results are viewable in the ‘course monitoring report handling screencast’ available in the group repository.

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| Black Box Test 18 | | Test Element: pvchome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: | | Objective: Test Pro Vice chancellor page Course monitoring report view-ability. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 3.4 | Test Pro Vice chancellor Course monitoring report view-ability. | * Log in as Director of learning and quality. | * Have course monitoring report(s) available for view. | * Course monitoring report(s) are available for view. |

Fig 3.4 the test results are viewable in the ‘course monitoring report handling screencast’ available in the group repository.

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| Black Box Test 19 | | Test Element: guesthome.php | Designed by: Chitalu Wedex Ilunga | |
| Data source: Database: | | Objective: Test guest page Course monitoring report view-ability. | Tester: Chitalu Wedex Ilunga | |
| Test Case | Description | Tasks | Expected Result | Actual Result |
| 3.5 | Test guest page Course monitoring report view-ability. | * Log in as guest. | * Have course monitoring report(s) available for view. | * Course monitoring report(s) are available for view. |

Fig 3.5 the test results are viewable in the ‘guest functionality screencast’ available in the group repository.