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| **UC17** | | **Search for Users** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 17.1 | Administrator leaves the search field blank and press ‘Search’ button. | | Displays all users without any filter. | Displays all users without any filter. | Pass |
| 17.2 | Administrator enters the ID in the ID search field of an inexistent user. | | No user found. | No user found. | Pass |
| 17.3 | Administrator enters the ID in the ID search field of an existent user. | | Displays a row corresponding to the user. | Displays a row corresponding to the user. | Pass |
| 17.4 | Administrator uses comparative operators in the ID search field. | | Displays the users according to the comparative operators. | Displays the users according to the comparative operators. | Pass |
| 17.5 | Administrator enters a text in the username search field which is not found in any usernames. | | No user found. | No user found. | Pass |
| 17.6 | Administrator enters an existing username in the username search field. | | Displays a row corresponding to the user with that username. | Displays a row corresponding to the user with that username. | Pass |
| 17.7 | Administrator enters a portion of an existing username in the username search field. | | Displays one or many rows which username contains the text entered. | Displays one or many rows which username contains the text entered. | Pass |
| 17.8 | Administrator enters an existent username in the username search field without respecting upper/lower cases of the actual username. | | Displays a row corresponding to the user with that username. | Displays a row corresponding to the user with that username. | Pass |
| 17.9 | Administrator enters a text in the first name search field which is not found in any first names. | | No user found. | No user found. | Pass |
| 17.10 | Administrator enters an existing first name in the appropriate search field. | | Displays one or many rows which user’s first name contains the text entered as search criteria. | Displays one or many rows which user’s first name contains the text entered as search criteria. | Pass |
| 17.11 | Administrator enters a portion of an existing first name in the appropriate search field. | | Displays one or many rows which user’s first name contains the text entered as search criteria. | Displays one or many rows which user’s first name contains the text entered as search criteria. | Pass |
| 17.12 | Administrator enters an existent first name in the appropriate search field without respecting upper/lower cases of the actual first name. | | Displays one or many rows which user’s first name contains the text entered as search criteria. | Displays one or many rows which user’s first name contains the text entered as search criteria. | Pass |
| 17.13 | Administrator enters a text in the last name search field which is not found in any last names. | | No user found. | No user found. | Pass |
| 17.14 | Administrator enters an existing last name in the appropriate search field. | | Displays one or many rows which user’s last name contains the text entered as search criteria. | Displays one or many rows which user’s last name contains the text entered as search criteria. | Pass |
| 17.15 | Administrator enters a portion of an existing last name in the appropriate search field. | | Displays one or many rows which user’s last name contains the text entered as search criteria. | Displays one or many rows which user’s last name contains the text entered as search criteria. | Pass |
| 17.16 | Administrator enters an existent last name in the appropriate search field without respecting upper/lower cases of the actual first name. | | Displays one or many rows which user’s last name contains the text entered as search criteria. | Displays one or many rows which user’s last name contains the text entered as search criteria. | Pass |
| 17.17 | Administrator enters a text in the net name search field which is not found in any last names. | | No user found. | No user found. | Pass |
| 17.18 | Administrator enters an existing net name in the appropriate search field. | | Displays one or many rows which user’s net name contains the text entered as search criteria. | Displays one or many rows which user’s net name contains the text entered as search criteria. | Pass |
| 17.19 | Administrator enters a portion of an existing net name in the appropriate search field. | | Displays one or many rows which user’s net name contains the text entered as search criteria. | Displays one or many rows which user’s net name contains the text entered as search criteria. | Pass |
| 17.20 | Administrator enters an existent net name in the appropriate search field without respecting upper/lower cases of the actual first name. | | Displays one or many rows which user’s net name contains the text entered as search criteria. | Displays one or many rows which user’s net name contains the text entered as search criteria. | Pass |

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| **UC18** | | **View User** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 18.1 | Administrator clicks the magnifying glass button from a user’s row. | | Displays the profile of the corresponding user with administrative operations. | Displays the profile of the corresponding user with administrative operations. | Pass |

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| **UC19** | | **Update User** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 19.1 | Administrator clicks the pencil button from a user’s row. | | Displays the editable profile of the corresponding user with current data filled in the editable profile. | Displays the editable profile of the corresponding user with current data filled in the editable profile. | Pass |
| 19.2 | From a user’s profile viewed by an administrator, the administrator clicks on the ‘update user’ operation. | | Displays the editable profile of the corresponding user with current data filled in the editable profile. | Displays the editable profile of the corresponding user with current data filled in the editable profile. | Pass |
| 19.3 | Administrator attempts to save the updated profile with empty username. | | Displays an error saying that the username cannot be blank. | Displays an error saying that the username cannot be blank. | Pass |
| 19.4 | Administrator attempts to save the updated profile with empty first name. | | Displays an error saying that the first name cannot be blank. | Displays an error saying that the first name cannot be blank. | Pass |
| 19.5 | Administrator attempts to save the updated profile with empty last name. | | Displays an error saying that the last name cannot be blank. | Displays an error saying that the last name cannot be blank. | Pass |
| 19.6 | Administrator attempts to save the updated profile with empty net name. | | Displays an error saying that the net name cannot be blank. | Displays an error saying that the net name cannot be blank. | Pass |
| 19.7 | Administrator attempts to save the updated profile with empty password. | | Displays an error saying that the password cannot be blank. | Displays an error saying that the password cannot be blank. | Pass |
| 19.8 | Administrator attempts to save the updated profile with an already existing username. | | Displays an error saying that the username is already taken. | Displays an error saying that the username is already taken. | Pass |
| 19.9 | Administrator attempts to save the updated profile with an already existing net name. | | Displays an error saying that the net name is already taken. | Displays an error saying that the net name is already taken. | Pass |
| 19.10 | Administrator attempts to save the updated profile with a password which length is lower than six characters. | | Displays an error saying that the password is too short and that the minimum length is six characters. | Displays an error saying that the password is too short and that the minimum length is six characters. | Pass |
| 19.11 | Administrator attempts to save the updated profile with any combination of invalidity of test cases 19.3 to 19.10 | | Displays a list of all invalidity to be corrected. | Displays a list of all invalidity to be corrected. | Pass |
| 19.12 | Administrator hits the save button without changing any fields. | | Updated profile is displayed, all information including password remains unchanged. | Password has been changed | Fail |
| 19.13 | Administrator attempts to save the updated profile with an inexistent username. | | Updated profile is displayed, all remaining information have remained unchanged. | Updated profile is displayed, all remaining information have remained unchanged. | Pass |
| 19.13 | Administrator attempts to save the updated profile with a new first name. | | Updated profile is displayed, all remaining information have remained unchanged. | Updated profile is displayed, all remaining information have remained unchanged. | Pass |
| 19.14 | Administrator attempts to save the updated profile with a new last name. | | Updated profile is displayed, all remaining information have remained unchanged. | Updated profile is displayed, all remaining information have remained unchanged. | Pass |
| 19.15 | Administrator attempts to save the updated profile with an inexistent net name. | | Updated profile is displayed, all remaining information have remained unchanged. | Updated profile is displayed, all remaining information have remained unchanged. | Pass |
| 19.16 | Administrator attempts to save the updated profile with a new password which length is greater than six. | | Updated profile is displayed, password for that user has been changed. | Updated profile is displayed, password for that user has been changed. | Pass |
| 19.17 | Administrator changes the privilege of the user from student to administrator. | | Updated profile is displayed, user is now administrator. | Updated profile is displayed, user is now administrator. | Pass |
| 19.18 | Administrator clicks on the password field but does not change anything, save the profile. | | Update profile is displayed, user information and password have remained unchanged. | Password has been changed. | Fail |

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| **UC20** | | **Delete User** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 20.1 | Administrator hit the ‘X’ button on a row associated to a user in a table of users. | | Displays a confirmation message to delete the corresponding user. | Displays a confirmation message to delete the corresponding user. | Pass |
| 20.2 | From the profile page of a user viewed as an administrator, the administrator clicks the ‘Delete User’ operation. | | Displays a confirmation message to delete the corresponding user. | Displays a confirmation message to delete the corresponding user. | Pass |
| 20.3 | The administrator hits the cancel button on the confirmation message to delete a user. | | Confirmation message disappears, user remains on the system. | Confirmation message disappears, user remains on the system. | Pass |
| 20.4 | The administrator hits the ‘OK’ button on the confirmation message to delete a user. | | The corresponding user is removed from the system, the administrator is brought back to the user management page with an updated table of users. | The corresponding user is removed from the system, the administrator is brought back to the user management page with an updated table of users. | Pass |