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| **UC17** | | **Search for Users** | | | | |
| Test ID | Description | | Input | Expected Output | Actual Output | Result |
| 17.1 | Administrator leaves the search field blank and press ‘Search’ button. | | [blank search field] | 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. | | ID = 90 | No user found. | No user found. | Pass |
| 17.3 | Administrator enters the ID in the ID search field of an existent user. | | ID = 39 | Displays a row corresponding to user with ID 39, (“backrow”). | Displays a row corresponding to user with ID 39 (“backrow”). | Pass |
| 17.4 | Administrator uses comparative operators in the ID search field. | | ID <= 23 | Displays all users with ID less or equal to 23 (19, 20 and 23). | IDs of users displayed:  19  20  23 | Pass |
| 17.5 | Administrator enters a text in the username search field which is not found in any usernames. | | Username = “zx” | No user found. | No user found. | Pass |
| 17.6 | Administrator enters an existing username in the username search field. | | Username = “Winnor” | Displays a row corresponding to user “Winnor” | Displays row corresponding to user “Winnor” | Pass |
| 17.7 | Administrator enters a portion of an existing username in the username search field. | | Username = “b” | Displays all users having “b” in their username (“BDS” and “backrow”). | Displays all users having “b” in their username:  “BDS”  “backrow” | Pass |
| 17.8 | Administrator enters an existent username in the username search field without respecting upper/lower cases of the actual username. | | Username = “aDmIn” | Displays a row corresponding to the user “admin”. | Displays a row corresponding to the user “admin”. | Pass |
| 17.9 | Administrator enters a text in the first name search field which is not found in any first names. | | First name = “!@#$” | No user found. | No user found. | Pass |
| 17.10 | Administrator enters an existing first name in the appropriate search field. | | First name = “Dimitri” | Displays a row corresponding to the user 35, username being “dimitri”. | Displays a row corresponding to the user 35, username being “dimitri”. | Pass |
| 17.11 | Administrator enters a portion of an existing first name in the appropriate search field. | | First name = “ri” | Displays all users having “ri” in their first name (Dimitri and Erin). | Displays all users having “ri” in their first name (Dimitri and Erin). | Pass |
| 17.12 | Administrator enters an existent first name in the appropriate search field without respecting upper/lower cases of the actual first name. | | First name = “pHIlIp” | Displays a row corresponding to the user having as first name “Philip” (user #39). | Displays a row corresponding to the user having as first name “Philip” (user #39). | Pass |
| 17.13 | Administrator enters a text in the last name search field which is not found in any last names. | | Last name = “Smith” | No user found. | No user found. | Pass |
| 17.14 | Administrator enters an existing last name in the appropriate search field. | | Last name = “Koun” | Displays a row corresponding to the user having as last name “Koun” (user #36). | Displays a row corresponding to the user having as last name “Koun” (user #36). | Pass |
| 17.15 | Administrator enters a portion of an existing last name in the appropriate search field. | | Last name = “min” | Displays a row corresponding to the user which last name contains “min” (admin). | Displays a row corresponding to the user which last name contains “min” (admin). | Pass |
| 17.16 | Administrator enters an existent last name in the appropriate search field without respecting upper/lower cases of the actual first name. | | Last name = “tOpALoglOu” | Displays a row corresponding to the user having as last name “Topaloglou”, user #35. | Displays a row corresponding to the user having as last name “Topaloglou”, user #35. | Pass |
| 17.17 | Administrator enters a text in the net name search field which is not found in any net names. | | Net name = “ “ (space) | No user found. | No user found. | Pass |
| 17.18 | Administrator enters an existing net name in the appropriate search field. | | Net name = “p\_lim” | Displays a row corresponding to the user having as net name “p\_lim”, user #39. | Displays a row corresponding to the user having as net name “p\_lim”, user #39. | Pass |
| 17.19 | Administrator enters a portion of an existing net name in the appropriate search field. | | Net name = “\_” | Displays all users having “\_” in their net name:  d\_topal1  i\_koun  p\_lim | Displays all users having “\_” in their net name:  d\_topal1  i\_koun  p\_lim | Pass |
| 17.20 | Administrator enters an existent net name in the appropriate search field without respecting upper/lower cases of the actual first name. | | Net name = bRYcE | Displays a row corresponding to the user having as net name “Bryce”, user #20. | Displays a row corresponding to the user having as net name “Bryce”, user #20. | Pass |

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| **UC18** | | **View User** | | | | |
| Test ID | Description | | Input | Expected Output | Actual Output | Result |
| 18.1 | Administrator clicks the magnifying glass button from a user’s row. | | Click on the magnifying glass corresponding to user 39. | Displays the profile of user 39, along with administrative operations. | Displays the profile of user 39, along with administrative operations. | Pass |

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| **UC19** | | **Update User** | | | | |
| Test ID | Description | | Input | Expected Output | Actual Output | Result |
| 19.1 | Administrator clicks the pencil button from a user’s row. | | Click on the pencil corresponding to user 39. | Displays the editable profile of the user 39 with current data filled in the editable profile. | Displays the editable profile of the user 39 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. | | Click on ‘update user’ from user 39. | Displays the editable profile of the user 39 with current data filled in the editable profile. | Displays the editable profile of the user 39 with current data filled in the editable profile. | Pass |
| 19.3 | Administrator attempts to save the updated profile with empty username. | | Username is empty | Displays an error saying that the username cannot be blank. | Please fix the following input errors:  Username cannot be blank. | Pass |
| 19.4 | Administrator attempts to save the updated profile with empty first name. | | First name is empty | Displays an error saying that the first name cannot be blank. | Please fix the following input errors:   * Firstname cannot be blank. | Pass |
| 19.5 | Administrator attempts to save the updated profile with empty last name. | | Last name is empty | Displays an error saying that the last name cannot be blank. | Please fix the following input errors:   * Lastname cannot be blank. | Pass |
| 19.6 | Administrator attempts to save the updated profile with empty net name. | | Net name is empty | Displays an error saying that the net name cannot be blank. | Please fix the following input errors:   * Net Name cannot be blank. | Pass |
| ~~19.7~~  Feature removed | ~~Administrator attempts to save the updated profile with empty password.~~ | | ~~Password is empty~~ | ~~Displays an error saying that the password cannot be blank.~~ | ~~Please fix the following input errors:~~  ~~Password cannot be blank.~~ | ~~Pass~~ |
| 19.8 | Administrator attempts to save the updated profile with an already existing username. | | Username = “admin”, while user is 39 | Displays an error saying that the username is already taken. | Please fix the following input errors:   * Username "admin" has already been taken. | Pass |
| 19.9 | Administrator attempts to save the updated profile with an already existing net name. | | Net name = “i\_koun”, while user is 39 | Displays an error saying that the net name is already taken. | Please fix the following input errors:   * Net Name "i\_koun" has already been taken. | Pass |
| ~~19.10~~  Feature removed | ~~Administrator attempts to save the updated profile with a password which length is lower than six characters.~~ | | ~~Password = “a”~~ | ~~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 | | Example:  All blanks fields. | Displays a list of all invalidity to be corrected. | Please fix the following input errors:   * Username cannot be blank. * Firstname cannot be blank. * Lastname cannot be blank. * Net Name cannot be blank. | Pass |
| ~~19.12~~  Feature removed | ~~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. | | Username = “inexistent” | Updated profile is displayed, all remaining information have remained unchanged. | ~~Password has changed.~~ | ~~Fail~~ |
| 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. | | First name = “Lucas” | Updated profile is displayed, all remaining information have remained unchanged. | ~~Password has changed.~~ | ~~Fail~~  [older version] |
| 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. | | Last name = “Tran” | Updated profile is displayed, all remaining information have remained unchanged. | ~~Password has changed.~~ | ~~Fail~~  [older version] |
| 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. | | Net name = “inexistent” | Updated profile is displayed, all remaining information have remained unchanged. | ~~Password has changed.~~ | ~~Fail~~  [older version] |
| Updated profile is displayed, all remaining information have remained unchanged. | Pass |
| ~~19.16~~  Feature removed | ~~Administrator attempts to save the updated profile with a new password which length is greater than six.~~ | | ~~Password = “jdbc123”~~ | ~~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. | | Privilege = administrator on user #39 | Updated profile is displayed, user is now administrator, and all remaining information remained unchanged. | ~~Password has changed.~~ | ~~Fail~~  [older version] |
| Updated profile is displayed, user is now administrator, and all remaining information remained unchanged. | Pass |
| ~~19.18~~  Feature removed. | ~~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 | | Input | Expected Output | Actual Output | Result |
| 20.1 | Administrator hit the ‘X’ button on a row associated to a user in a table of users. | | Hit ‘X’ on user ‘test1’ | 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. | | Hit ‘X’ on profile page of user ‘test1’ | 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. | | Hit ‘cancel’ on confirmation message that appeared after hitting ‘X’ on user ‘test1’ | Confirmation message disappears, user remains on the system. | Confirmation message disappears, user ‘test1’ remains on the system. | Pass |
| 20.4 | The administrator hits the ‘OK’ button on the confirmation message to delete a user. | | Hit ‘OK’ on confirmation message that appeared after hitting ‘X’ on user ‘test1’ | User ‘test1’ is removed from the system, the administrator is brought back to the user management page with an updated table of users. | User ‘test1’ is removed from the system, the administrator is brought back to the user management page with an updated table of users. | Pass |