**Login**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | User fill in the Username | Username user fills in the login interface |
| 2 | User fill in the Password | User fill in the Password |
| 3 | selects "login" | To log into the system after filling username and password the user selects "login". |
| 4 | Check the information is valid? | Inspection system username and password. |
| 5 | Appears interface "Student Records System Managerment" | Username and password correct interface system appears "Student Records System Managerment" |
| 6 | Interface appears the message "Please check with the admin to get the correct ID or password" | If the wrong username name or password will appear system message |
| 7 | click "close" | click "close" để đóng message |
| 8 | Return to login | Return to the system loging. |
| 9 | User click "Cance" | If users do not want to sign "cancel" to exit the programs. |

**Log out**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Click the button [x] or “Log out” | Users want to logout from the system will select [x] |
| 2 | System will confirm the logout of the user by the message " Are you sure to logout?" | System write received operation and output show message " Are you sure to logout?" |
| 3 | selects "log out" | The user selects "Logout" to exit the system. |
| 4 | Return to login | Return to the system log. |
| 5 | select "cancel" | Select "Cancel" if you want to log out of your system. |
| 6 | Return to the original interface | Return to the original interface |

**Change Password**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Select change password | To change the root password after you log into the system the user chooses "Change password" |
| 2 | The interface change password | The interface change password |
| 3 | User input old password | User input old password |
| 4 | User input new password | User input new password |
| 5 | User input new password again | User input new password again |
| 6 | User selects "OK" to change password | User selects "OK" to change password to change the old password. |
| 7 | Check the information is valid? | The system checks the data you entered. |
| 8 | Save the information in the database | Enter valid data, Save the information in the data valid. |
| 9 | The message "Password successfully changed" | The message "Password successfully changed" |
| 10 | The system fill red confirm the password for the user to re-enter the correct | if the password does not match,the system fill red confirm the password for the user to re-enter the correct |
| 11 | The system fill red the "Current password" for the user to re-enter the correct | if the current password incorrect, The system fill red the "Current password" for the user to re-enter the correct |
| 12 | User selects “Cancel” to cancel change password | if users do not want to change the password, User selects “Cancel” to cancel change password |
| 13 | Password change interface disappears. | Password change interface disappears. |

* **Use case Create new user account**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Users select user management. | User selects “user management” to begin adding new users. |
| 2 | User select "Add user" | User select "Add user" interface to appear interface "Add new user" |
| 3 | Appears interface "Add new user" | interface "Add new user" |
| 4 | User fill in account information: Username and Assign Authorize | In the "add new user" user will enter the necessary information required user name and Assign Authorize . |
| 5 | User clicks "Add" | User clicks "Add" to complete the operation. |
| 6 | Check the information is valid? | The system will check the information entered is correct? |
| 7 | Save the information in the database | If valid system will save to the database data. |
| 8 | The message "Create account success" | The message "Create account success" |
| 9 | The message "Invalid ID" | If ID fails, the system will appears The message "Invalid ID" |
| 10 | Re-enter the user ID | The user will enter the new ID. |
| 11 | User clicks "Cancel" | Click "Cancel" button to cancel operation |
| 12 | Exit interface "create new user", return to the "User Managerment" | Exit interface "create new user", return to the "User Managerment" |

* **Use case Edit account information**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Users select user management | Users select user management |
| 2 | System shows a list of users is created. | System shows a list of users is created. |
| 3 | User selects to update user account information | User selects to update user account information . |
| 4 | Account information appears | Account information appears for the user to edit. |
| 5 | Edit account information | User to edit the information. |
| 6 | User click "save" | User click "save" to finish editing. |
| 7 | Save the information in the database | Just edit the information stored in databases. |
| 8 | The message Save the information success | The message Save the information success |
| 9 | User click "Cancel" | User click "Cancel" to cancel the operation. |
| 10 | Recover the original information | Recover the original information . |

* 1. ***Reset accout***

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Selects account need to recovery in accounts list | Selects account need to recovery in accounts list |
| 2 | User select button "reset password" | User select button "reset password" |
| 3 | System shows message: "are you sure, you want to reset password for account?" | System shows message: "are you sure, you want to reset the password for the account?" to the user understand manipulate they are doing. |
| 4 | Select "OK" | Select "OK" to determine the password reset. |
| 5 | Message successfully reset password | Message successfully reset password |
| 6 | Password is reset and save to the database | Password is reset and save to the database |
| 7 | back interface "management account" | back interface "management account" |
| 8 | Select "Cancel" | Select "Cancel" to cancel the operation. |
| 9 | back interface "management account" | back interface "management account" |

**Disable/enable account**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Select the account to disable / enable | User elect the account to disable / enable |
| 2 | Appears account information | Appears account information, the user edit status. |
| 3 | select disable | select disable to close the account. |
| 4 | The message disable successfully. | The message disable successfully save to the database |
| 5 | select enable | select enable to open the account. |
| 6 | The message Enable successfully. | The message Enable successfully and save to the database |

***d. Assign Authorize:***

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Select account to Assign Authorize | User Select account to Assign Authorize |
| 2 | Appears account information | Appears user account information for authorization again. |
| 3 | User Assign Authorize | User Assign Authorize |
| 4 | click save | click “save” to complete operation . |
| 5 | Save the information in the database | Save the information in the database |
| 6 | The message Save the information success | The message Save the information success |

* **Use case show accounts by list**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | User select user management. | User select user management tab to start search |
| 2 | Choose criteria | User needs to select search criteria. |
| 3 | Enter keywords | Fill keyword to search. |
| 4 | Click button "Search" | Click the button "Search" to complete the operation |
| 5 | Filter by keyword | System to search for keywords the user entered . |
| 6 | Show results | Show results are sought. |

* **Use case analysis statistic**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Select tab "statistics" | User statistics tab to begin operations. |
| 2 | Select Criteria | Criteria select to statistical. |
| 3 | Select button "statistics" | Select button "statistics" |
| 4 | The system displays statistics | The system displays statistics according to user selected criteria. |

## Import Student record data

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Select Import student list | To appear interface "Import student list" , Select Import student list |
| 2 | select Department | The user selects " Department " imported. |
| 3 | click button Browse | To look to the file to import, click button Browse |
| 4 | select file Import | Select file to import into the system. |
| 5 | click button Import | Click the Import button to complete operation . |
| 6 | Save to database | The system will store the student information on valid database. |
| 7 | Show up interface. | The system will show the student is not valid |
| 8 | The message file is not valid. | The message file is not valid. . |

***Update and Print students records:***

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Select "Check records" | Users select the tab "check records" to appear Interface "check records" |
| 2 | Enter the student ID to update | Enter the student ID to update |
| 3 | select "OK" | Select "OK" to search student information. |
| 4 | Display student information. | Display student information. |
| 5 | In detail interface student records users may edit student information, by check or uncheck the box | In detail interface student records users may edit student information, by check or uncheck the box |
| 6 | click button save | After editing information, user click button “save” |
| 7 | The system stores the information in the database. | The system stores the information in the database. |
| 8 | The system prints out a receipt. | The system prints out a receipt. |

* **Search/View list student records**

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| **Step** | **Behavior** | **Description** |
| --- | --- | --- |
| 1 | Choose function “search/view list student” | to start the search, users select the tab “search/view list student” |
| 2 | Users should select the search criteria | “Search interface” appears, select search by multiple users to different criteria. |
| 3 | User enter keywords | Next the user fills appropriate keywords to search |
| 4 | Students list appears on the interface | The interface displays a list of students who fit the criteria to look for. |