

International School

**Capstone Project 1**

*CMU-SE 450*

**User Interface Design Document**

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**School Connect Application**

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REVISION HISTORY

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|  |  |  |  |  |
|  |  |  |  |  |

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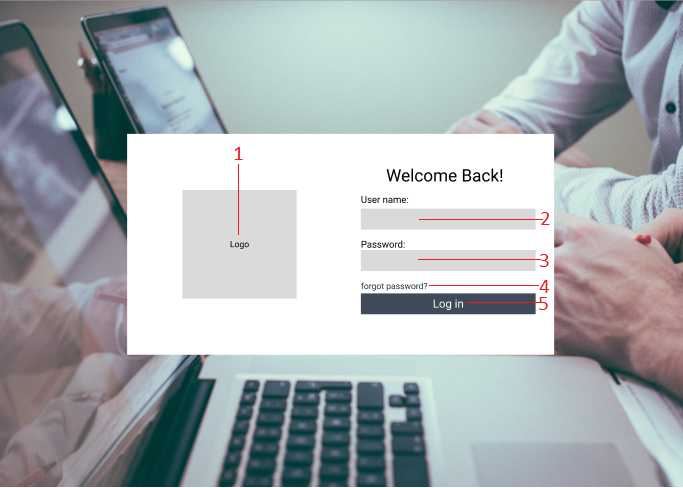
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# **Introduction**

* 1. **Purpose**
* This document describes the design interface of the “School Connect Application” System.
  1. **Scope**
* Create complete interfaces, and describe them clearly.
* Overview of the stages and modules of the system.

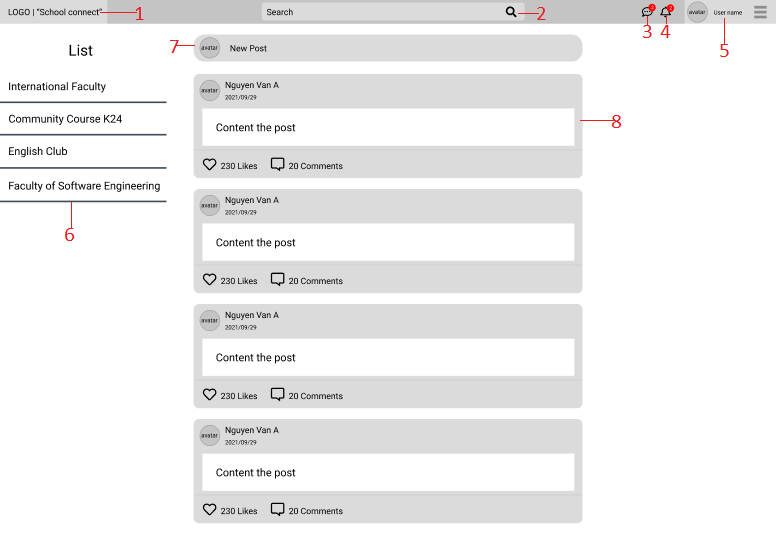
# **Describe User Interface Application in Detail**

* 1. **UI-User**
     1. **UI-01: Login**

****

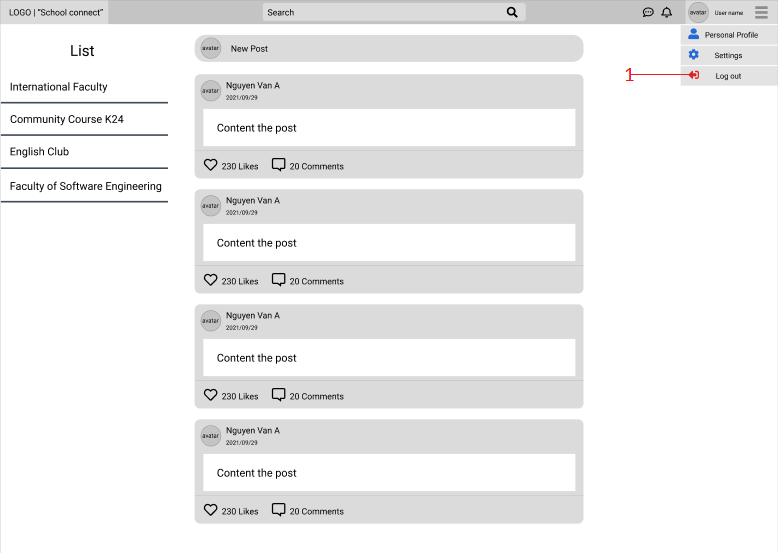
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Picture | Logo of application |  |
| 2 | Input | Textbox | Input username |  |
| 3 | Input | Textbox | Input user’s password |  |
| 4 | Nothing | Link | Click to go to forgot password page |  |
| 5 | Click | Button | Click to login into the system |  |

* + 1. **UI-02: Home Page**

****

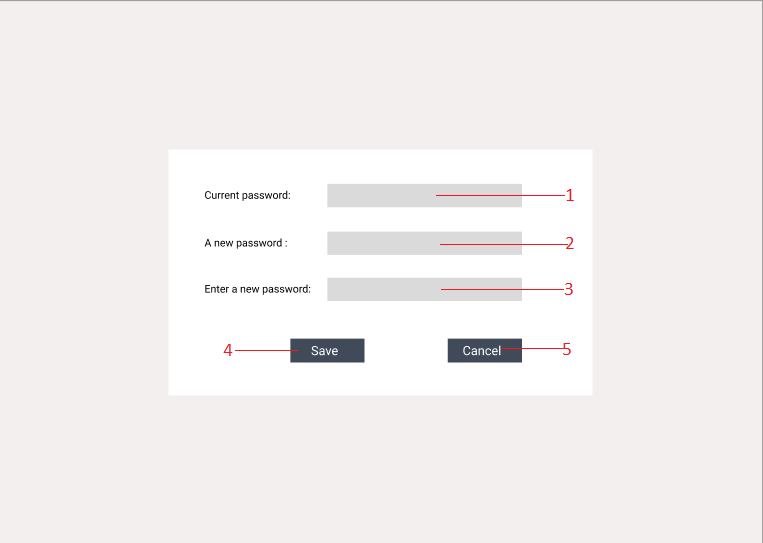
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Picture | Logo of application |  |
| 2 | Input | Textbox | Search user name, forum name |  |
| 3 | Click | Icon | Display the list of messages |  |
| 4 | Click | Icon | Display the list of notifications |  |
| 5 | Click | Button | Click to view information user page |  |
| 6 | View | Table | Display the list of participating forums |  |
| 7 | Click | Button | Click to create a new post |  |
| 8 | View | Table | Display the number of user posts |  |

* + 1. **UI-03: Logout**

****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to logout the system |  |

* + 1. **UI-04: Change Password**

****

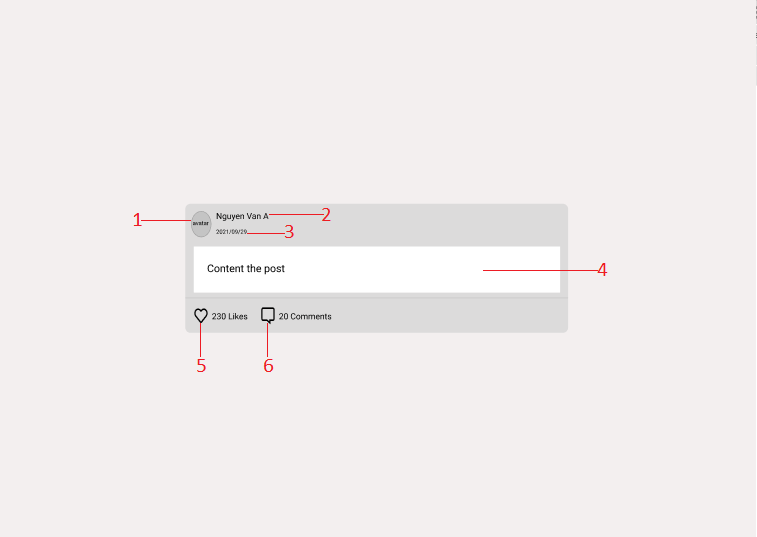
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Input | Textbox | Input Current password |  |
| 2 | Input | Textbox | Input a new password |  |
| 3 | Input | Textbox | Input a new password again |  |
| 4 | Click | Button | Click to save change password |  |
| 5 | Click | Button | Click to cancel change password |  |

* + 1. **UI-05: Forgot Password**

****

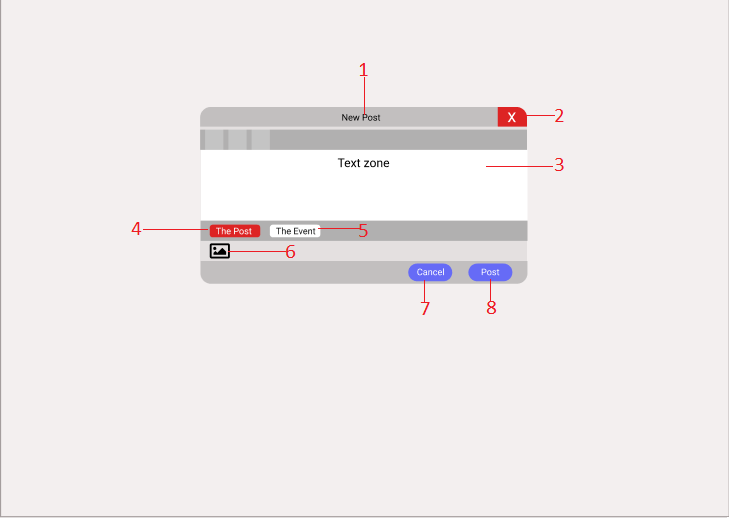
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Picture | Logo of application |  |
| 2 | Input | Textbox | Input Username |  |
| 3 | Input | Textbox | Input Email Address |  |
| 4 | Click | Button | Click to reset the password |  |
| 5 | Nothing | Link | Click to go to Login page |  |

* + 1. **UI-06: View post**

****

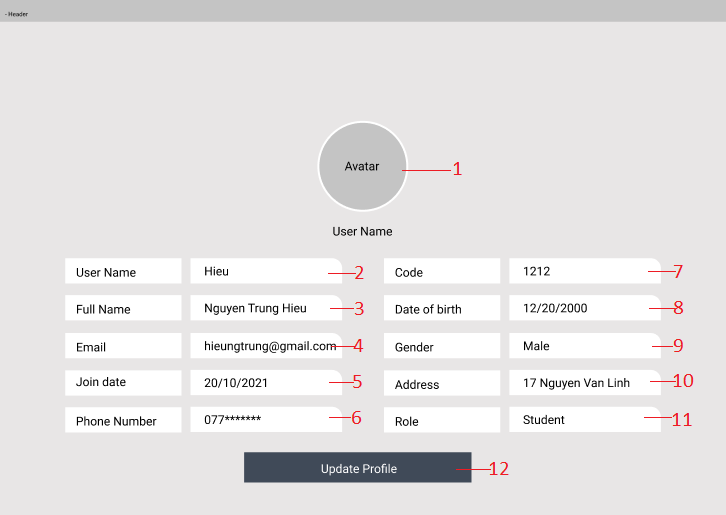
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Picture | Avatar of user |  |
| 2 | View | Text | Display the user's name |  |
| 3 | View | Text | Display the post date of the article |  |
| 4 | View | Text | Display the content of the article |  |
| 5 | View | Icon | Display the number of likes of the post |  |
| 6 | View | Icon | Display the number of comments for the article |  |

* + 1. **UI-07: Create a post**

****

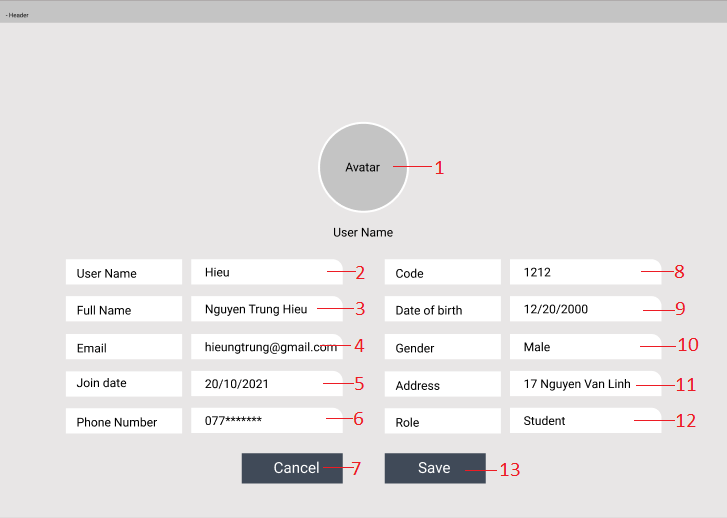
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Title | Display new post box title |  |
| 2 | Click | Button | Click to disable the new post box |  |
| 3 | Input | Text area | Input content the new post |  |
| 4 | Click | Button | Click to switch to the new post mode |  |
| 5 | Click | Button | Click to switch to the new event mode |  |
| 6 | Click | Image | Click to upload the picture |  |
| 7 | Click | Button | Click cancel the new post |  |
| 8 | Click | Button | Click to post a new article |  |

* + 1. **UI-08: View profile**

****

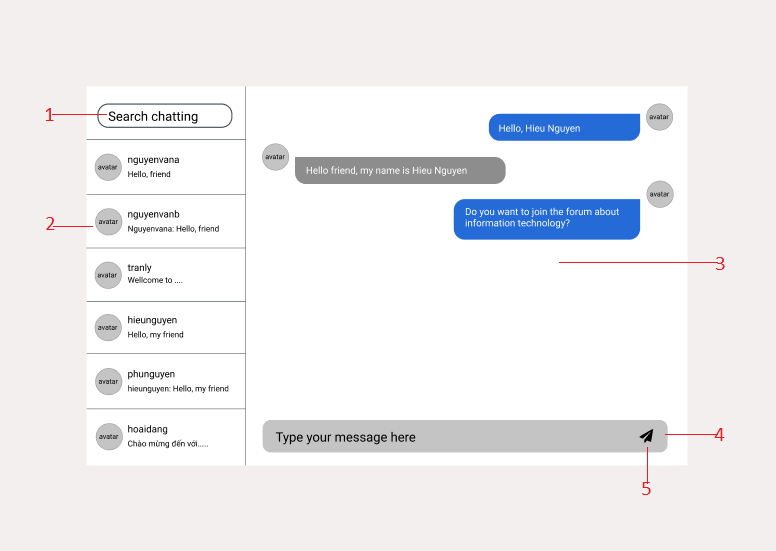
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Image | Display User's picture |  |
| 2 | View | Textbox | Display User Name |  |
| 3 | View | Textbox | Display Full Name |  |
| 4 | View | Textbox | Display Email |  |
| 5 | View | Textbox | Display Join Date |  |
| 6 | View | Textbox | Display Phone Number |  |
| 7 | View | Textbox | Display Code |  |
| 8 | View | Textbox | Display Date of Birth |  |
| 9 | View | Textbox | Display Gender |  |
| 10 | View | Textbox | Display Address |  |
| 11 | View | Textbox | Display Role |  |
| 12 | Click | Button | Click to go to Update Profile |  |

* + 1. **UI-09: Update profile**

****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Image | Click to change the User's picture |  |
| 2 | View | Textbox | Display User Name |  |
| 3 | View | Textbox | Display Full Name |  |
| 4 | Input | Textbox | Input to change Email |  |
| 5 | View | Textbox | Display Join Date |  |
| 6 | Input | Textbox | Input to change Phone Number |  |
| 7 | Click | Button | Click cancel and return to the View Profile page |  |
| 8 | View | Textbox | Display Code |  |
| 9 | Input | Textbox | Input to change Date of Birth |  |
| 10 | Input | Textbox | Input to change Gender |  |
| 11 | Input | Textbox | Input to change Address |  |
| 12 | View | Textbox | Display Role |  |
| 13 | Click | Button | Click to save update profile |  |

* + 1. **UI-10: Chat**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Input | Textbox | Search chat |  |
| 2 | View | Table List | View list of chats |  |
| 3 | View | Nothing | View messages between people |  |
| 4 | Input | Textbox | Enter the message you want to send |  |
| 5 | Click | Button | Click to send a message |  |

* + 1. **UI-11: View Forum (Censor)**

****

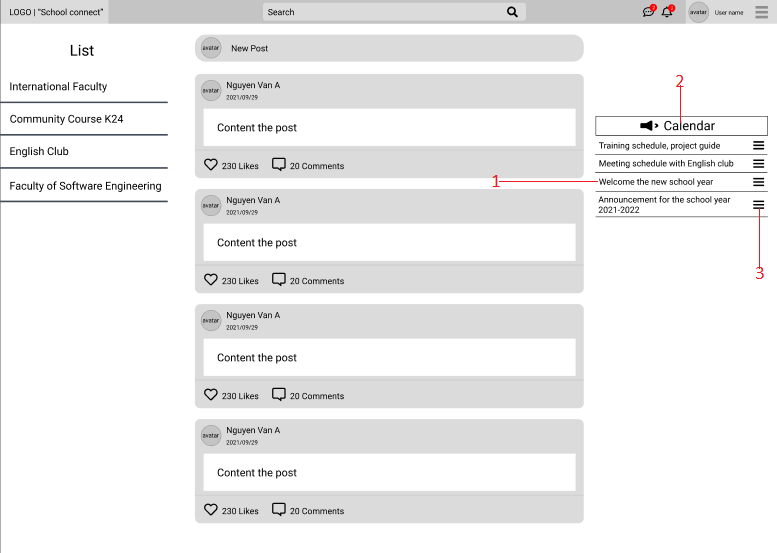
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Image | Display forum cover image |  |
| 2 | View | Text | Display forum name |  |
| 3 | Click | Button | Click to go to the forum new posts view page |  |
| 4 | Click | Button | Click to go to the forum events view page |  |
| 5 | Click | Button | Click to go to the forum members view page |  |
| 6 | Click | Button | Click to create a new post |  |
| 7 | View | Table | Display the number of user posts |  |
| 8 | View | Table | Display the quick reports |  |

* + 1. **UI-12: View Forum (User)**

****

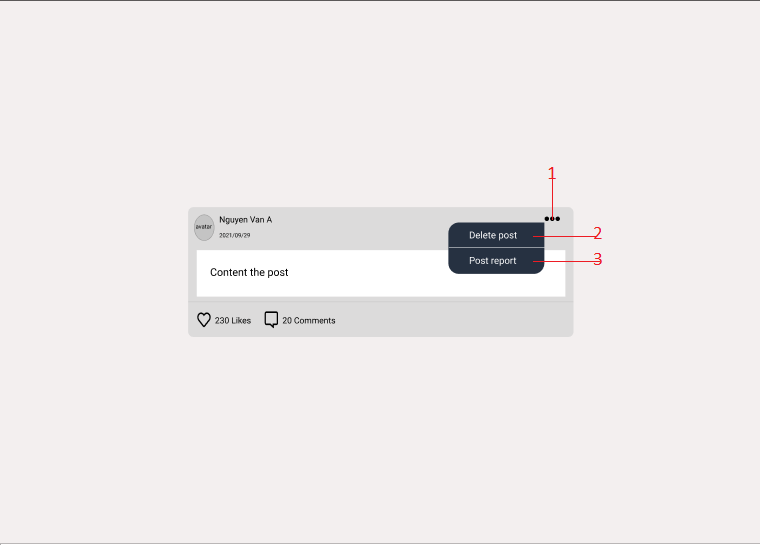
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Image | Display forum cover image |  |
| 2 | View | Text | Display forum name |  |
| 3 | Click | Button | Click to go to the forum new posts view page |  |
| 4 | Click | Button | Click to go to the forum events view page |  |
| 5 | Click | Button | Click to go to the forum members view page |  |
| 6 | Click | Button | Click to create a new post |  |
| 7 | View | Table | Display the number of user posts |  |

* + 1. **UI-13: View Calendar**

****

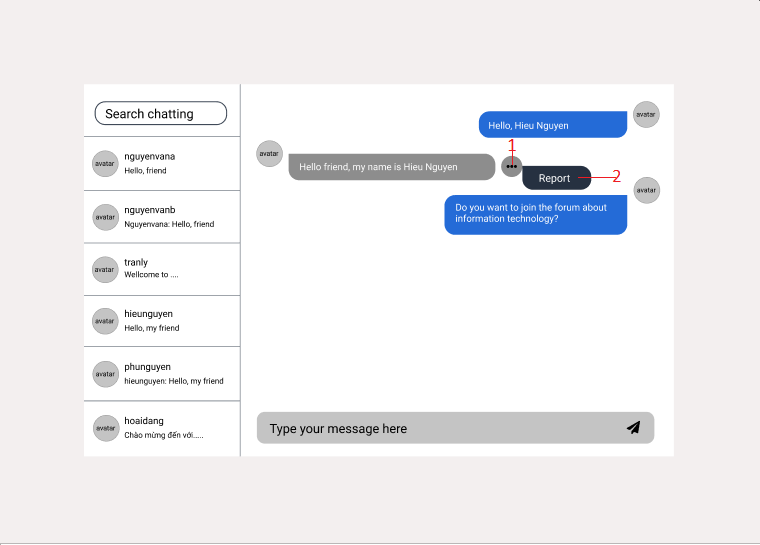
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Text | Calendar Title |  |
| 2 | View | Table list | Display list of upcoming events calendar |  |
| 3 | Click | Icon | Display details of the event calendar |  |

* + 1. **UI-14: Delete, Report the Post**

****

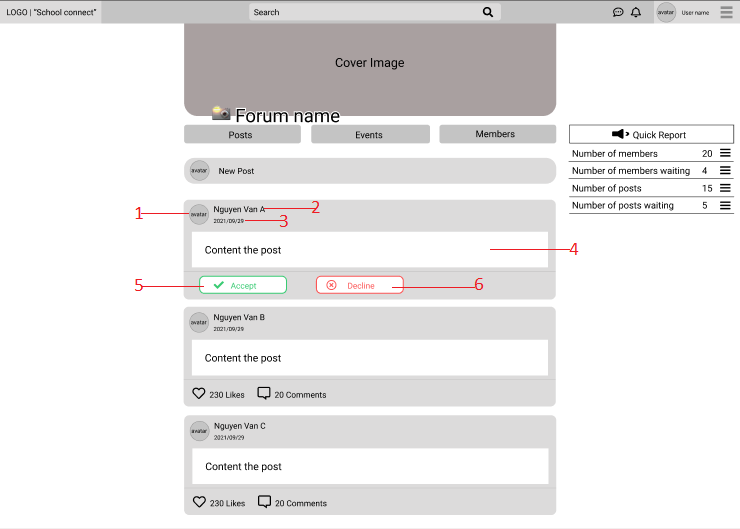
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Icon | Click to display the functions of deleting posts, reporting articles |  |
| 2 | Click | Text | Click to delete the post |  |
| 3 | Click | Text | Click to report the post |  |

* + 1. **UI-15: Report the Message**

****

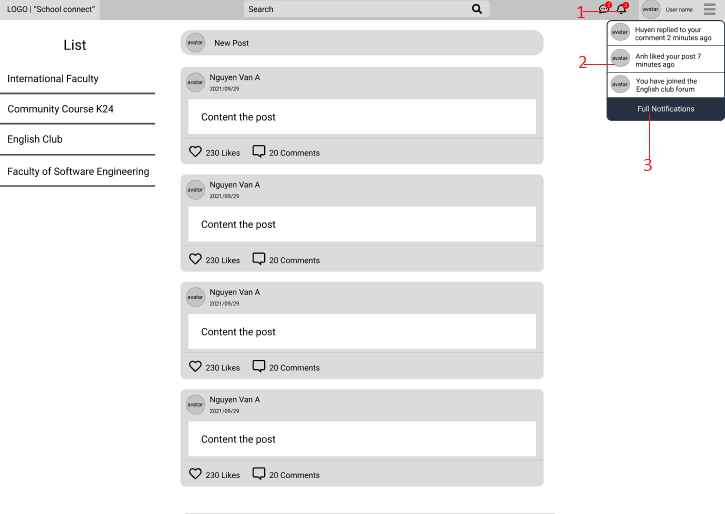
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Icon | Click to display the functions of reporting message |  |
| 2 | Click | Text | Click to report the message |  |

* + 1. **UI-16: Censorship the Post**

****

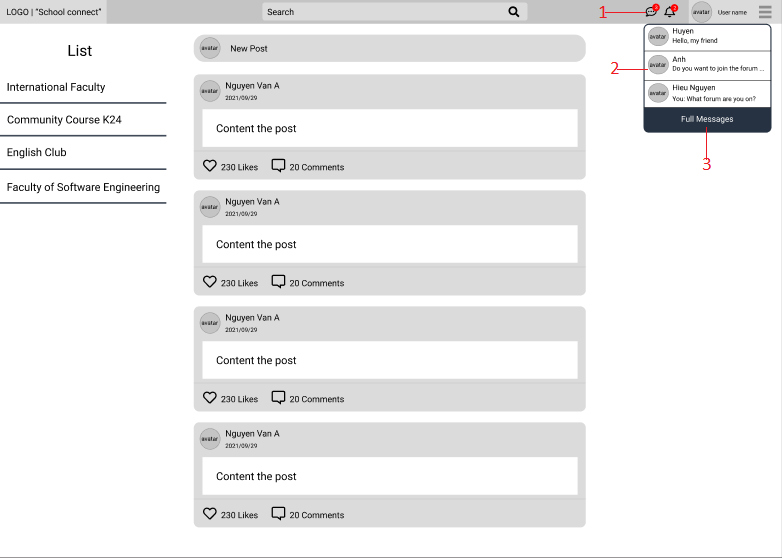
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Picture | Avatar of user |  |
| 2 | View | Text | Display the user's name |  |
| 3 | View | Text | Display the post date of the article |  |
| 4 | View | Text | Display the content of the article |  |
| 5 | Click | Button | Click to moderate the post |  |
| 6 | Click | Button | Click to cancel post browsing |  |

* + 1. **UI-17: Notification New**

****

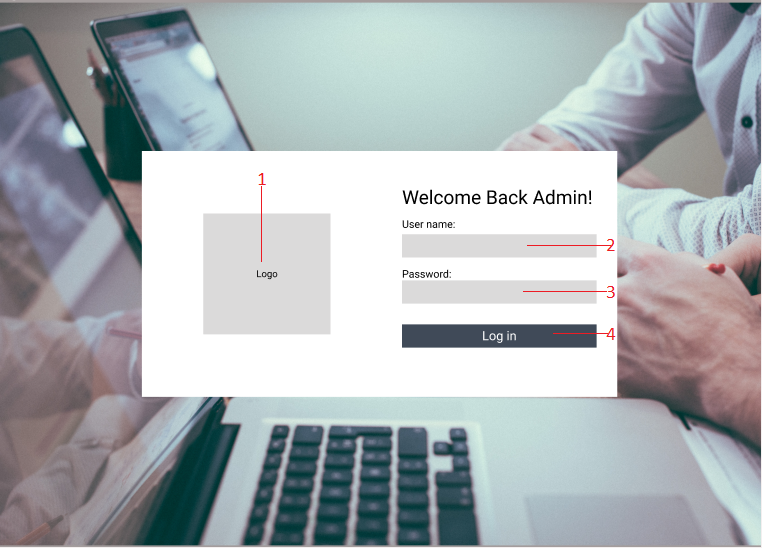
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Icon | Click on the icon to display a list of new notifications |  |
| 2 | View | List | Displays a list of new notifications sent to |  |
| 3 | Click | Text | Click to see the full list of announcements |  |

* + 1. **UI-18: Notification New Message**

****

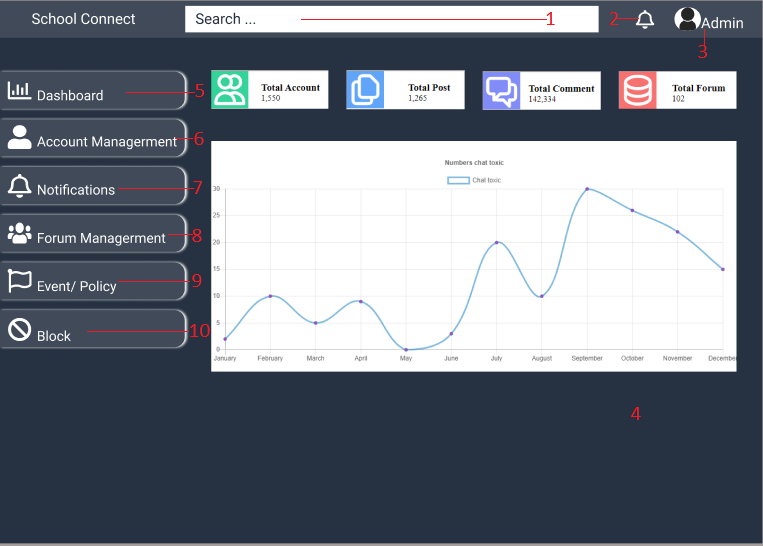
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Icon | Click on the icon to display a list of new messages |  |
| 2 | View | List | Displays a list of new messages sent to |  |
| 3 | Click | Text | Click to see the full list of messages |  |

* 1. **UI-Admin**
     1. **UI-01: Login**

****

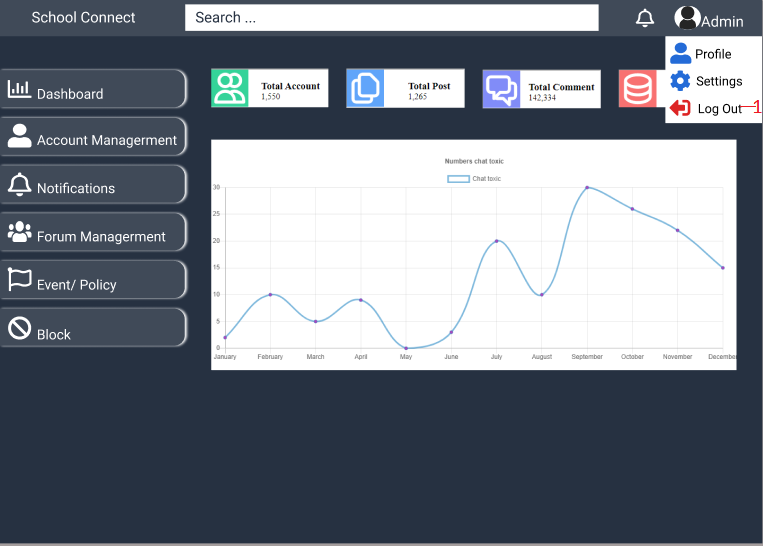
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Picture | Logo of application |  |
| 2 | Input | Textbox | Input username |  |
| 3 | Input | Textbox | Input user’s password |  |
| 4 | Click | Button | Click to login into the system |  |

* + 1. **UI-02: Home Page**

****

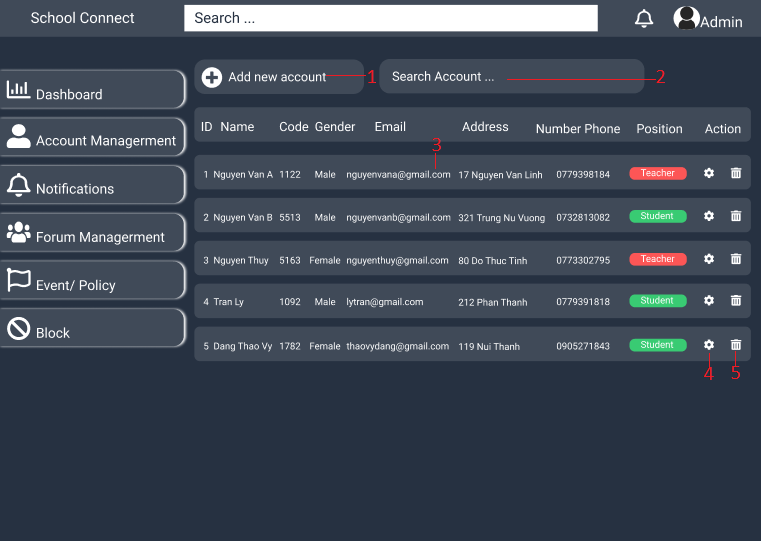
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Input | Textbox | Search user name, forum name |  |
| 2 | Click | Button | Click to view the notifications |  |
| 3 | Click | Section | Click to view information user page |  |
| 4 | View | Section | Display the number of users, comments, the post in the system and show a chart |  |
| 5 | Click | Button | Click to go to the Dashboard page |  |
| 6 | Click | Button | Click to go to the Account Management page |  |
| 7 | Click | Button | Click to go to the Notifications page |  |
| 8 | Click | Button | Click to go to the Forum Management page |  |
| 9 | Click | Button | Click to go to the Event/ Policy page |  |
| 10 | Click | Button | Click to go Block page |  |

* + 1. **UI-03: Logout**

****

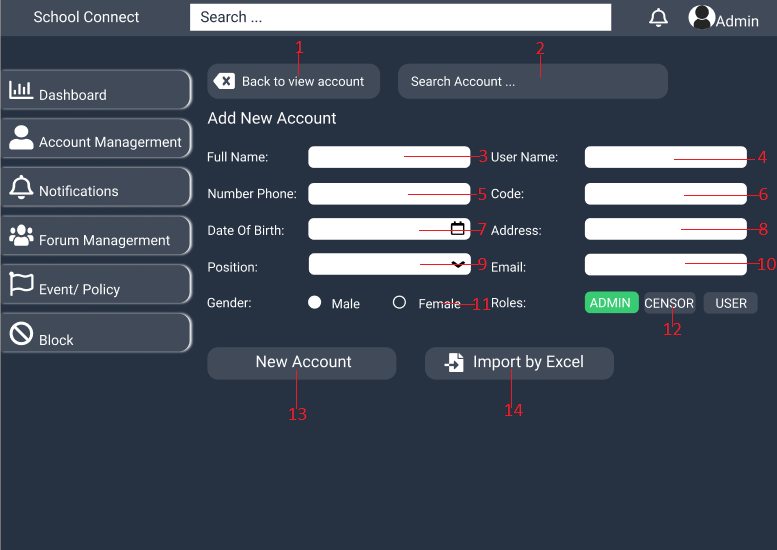
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to logout the system |  |

* + 1. **UI-04: Account Management**

****

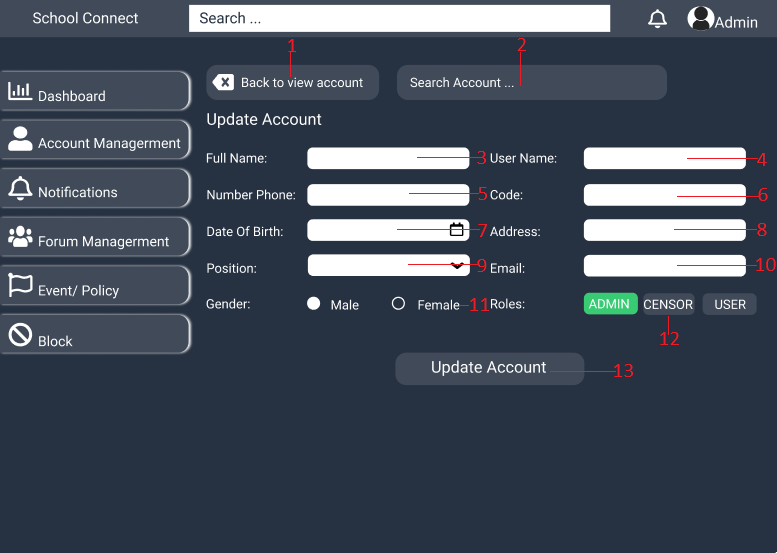
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to create a new user’s account |  |
| 2 | Input | Textbox | Search user’s account |  |
| 3 | View | Table | View user account information |  |
| 4 | Click | Button | Click to view and update the user’s account information |  |
| 5 | Click | Button | Click to delete the user’s account |  |

* + 1. **UI-05: Add Account**

****

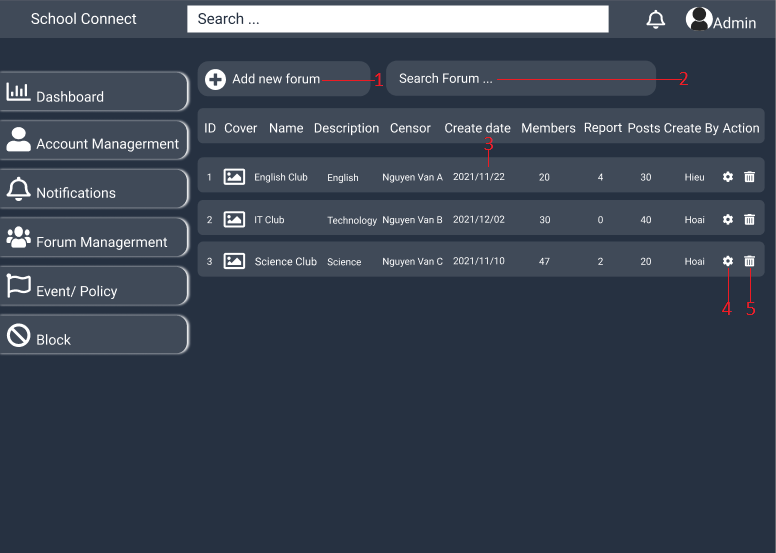
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to go to the Account Management page |  |
| 2 | Input | Textbox | Search Account |  |
| 3 | Input | Textbox | Input the Full name |  |
| 4 | Input | Textbox | Input the Username |  |
| 5 | Input | Textbox | Input the Phone Number |  |
| 6 | Input | Textbox | Input the Code |  |
| 7 | Input | Textbox | Input the Date of Birth |  |
| 8 | Input | Textbox | Input the Address |  |
| 9 | Combo box | Select | Choose the user position |  |
| 10 | Input | Textbox | Input Email |  |
| 11 | Radio | Select | Choose the Gender |  |
| 12 | Click | Button | Choose the account Role |  |
| 13 | Click | Button | Click to add a new account |  |
| 14 | Click | Button | Click to import file Excel |  |

* + 1. **UI-06: Update Account**

****

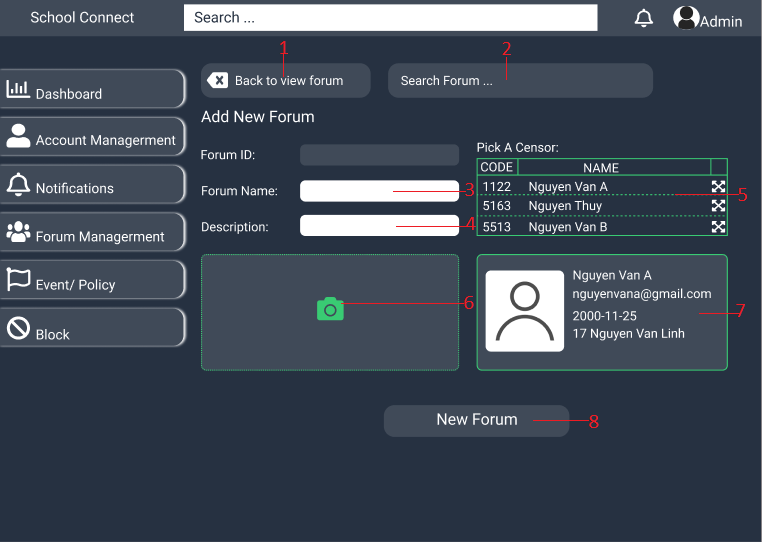
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to go to the Account Management page |  |
| 2 | Input | Textbox | Search Account |  |
| 3 | Input | Textbox | Input the new Full name |  |
| 4 | Input | Textbox | Input the new Username |  |
| 5 | Input | Textbox | Input the new Phone Number |  |
| 6 | Input | Textbox | Input the new Code |  |
| 7 | Input | Textbox | Input the new Date of Birth |  |
| 8 | Input | Textbox | Input the new Address |  |
| 9 | Combo box | Select | Choose the new user position |  |
| 10 | Input | Textbox | Input new Email |  |
| 11 | Radio | Select | Choose the new Gender |  |
| 12 | Click | Button | Choose the new account Role |  |
| 13 | Click | Button | Click to Update Account |  |

* + 1. **UI-07: Forum Management**

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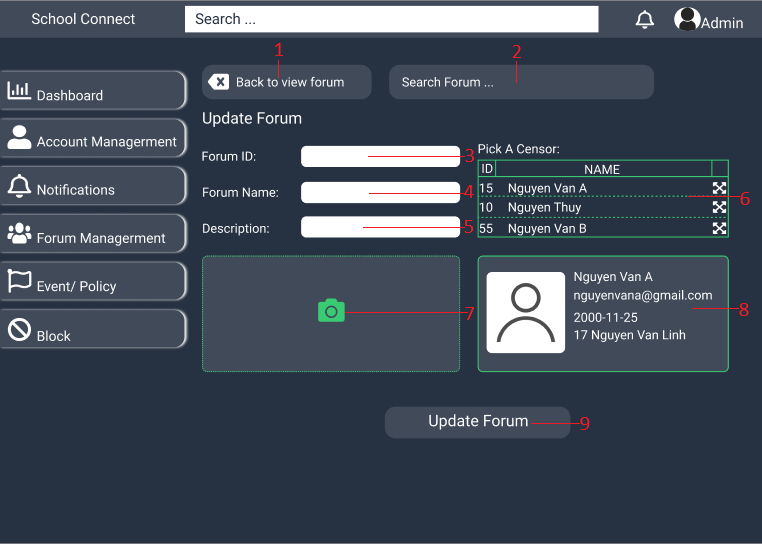
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to create a new forum |  |
| 2 | Input | Textbox | Search forum |  |
| 3 | View | Table | View forum information |  |
| 4 | Click | Button | Click to view and update the forum information |  |
| 5 | Click | Button | Click to delete the forum |  |

* + 1. **UI-08: Add Forum**

****

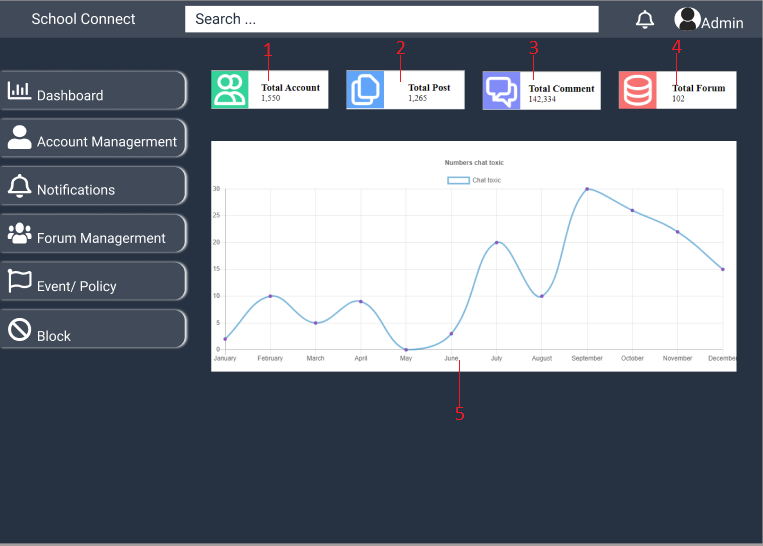
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to go to the Forum Management page |  |
| 2 | Input | Textbox | Search Forum |  |
| 3 | Input | Textbox | Input the Forum Name |  |
| 4 | Input | Text area | Input the Description |  |
| 5 | Click | Table | Choose the new forum's censor |  |
| 6 | Click | Button | Click to upload a photo |  |
| 7 | View | Table | View information censor |  |
| 8 | Click | Button | Click to add a new forum |  |

* + 1. **UI-09: Update Forum**

****

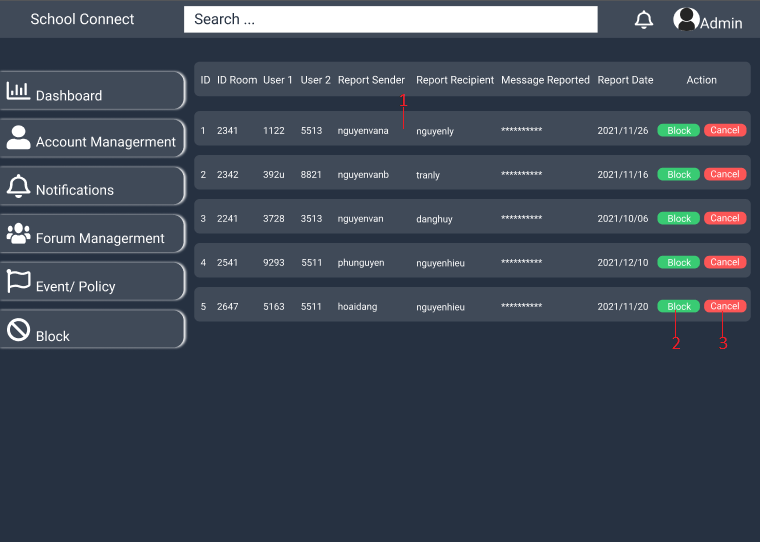
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Click | Button | Click to go to the Forum Management page |  |
| 2 | Input | Textbox | Search Forum |  |
| 3 | Input | Textbox | Input the Forum ID |  |
| 4 | Input | Textbox | Input the Forum Name |  |
| 5 | Input | Text area | Input the Description |  |
| 6 | Click | Table | Choose the new forum's censor |  |
| 7 | Click | Button | Click to upload a photo |  |
| 8 | View | Table | View information censor |  |
| 9 | Click | Button | Click to update the forum |  |

* + 1. **UI-10: Dashboard**



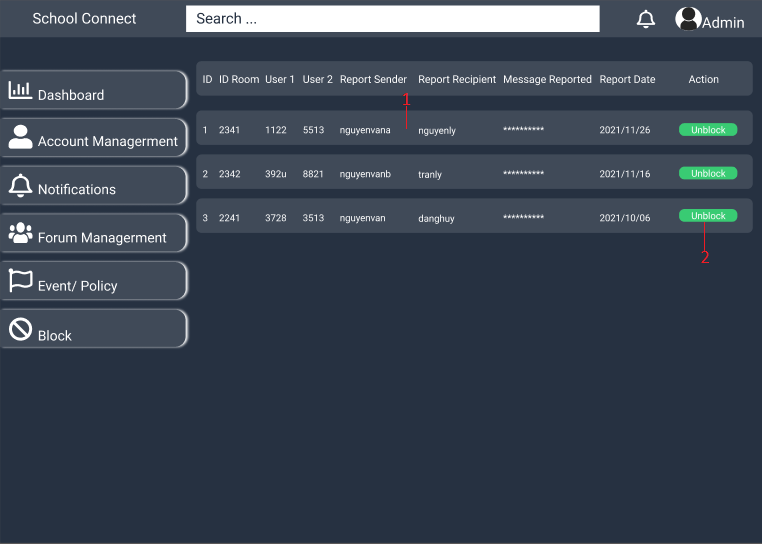
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | Nothing | Label | Show total number of account |  |
| 2 | Nothing | Label | Show total number of the post |  |
| 3 | Nothing | Label | Show total number of the comment |  |
| 4 | Nothing | Label | Show total number of the forum |  |
| 5 | Nothing | Chart | Show Chart about number chat toxic |  |

* + 1. **UI-11: Block Chat Toxic**

****

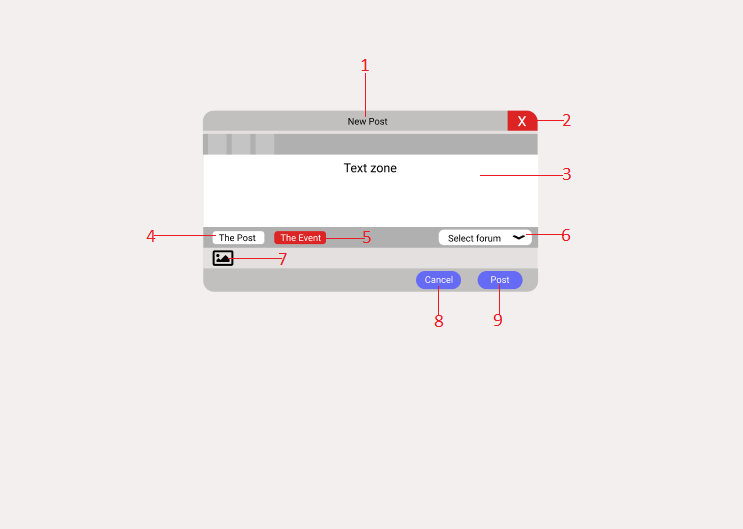
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Table | Display list of reported messages |  |
| 2 | Click | Button | Click to Block Chat |  |
| 3 | Click | Button | Click to Cancel |  |

* + 1. **UI-12: Unblock Chat Toxic**

****

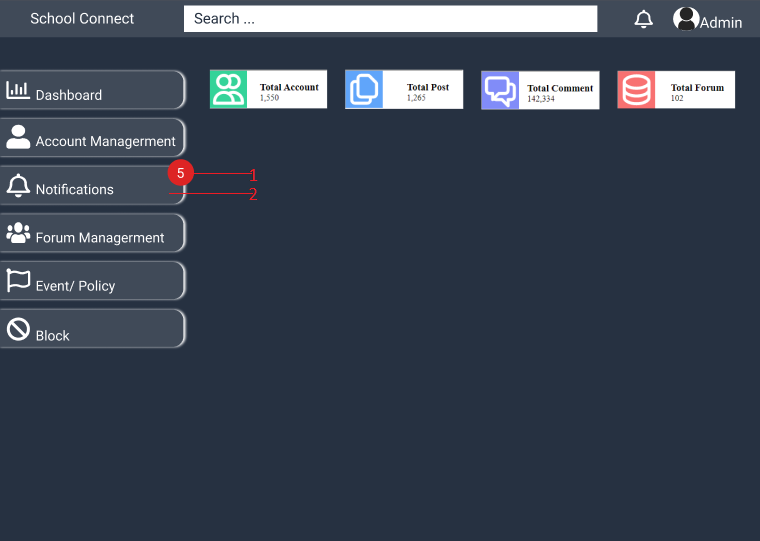
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Table | Display list of reported messages |  |
| 2 | Click | Button | Click to Unblock Chat |  |

* + 1. **UI-13: Create Event**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Title | Display new post box title |  |
| 2 | Click | Button | Click to disable the new post box |  |
| 3 | Input | Text area | Input content the new post |  |
| 4 | Click | Button | Click to switch to the new post mode |  |
| 5 | Click | Button | Click to switch to the new event mode |  |
| 6 | Select | Dropdown List | Select forum to post-event |  |
| 7 | Click | Image | Click to upload the picture |  |
| 8 | Click | Button | Click cancel the new post |  |
| 9 | Click | Button | Click to post a new article |  |

* + 1. **UI-14: View Notification Admin**

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** | **Notes** |
| 1 | View | Text | Display the number of notifications |  |
| 2 | Click | Button | Click to display the list of notifications |  |