



## Capstone Project 1

*CMU-SE 450*

# User Interface Design Document

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## School Connect Application

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**Project Information**

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## DOCUMENT APPROVALS

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## REVISION HISTORY

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# 1. Introduction

## 1.1 Purpose

- This document describes the design interface of “School Connect Application” System.

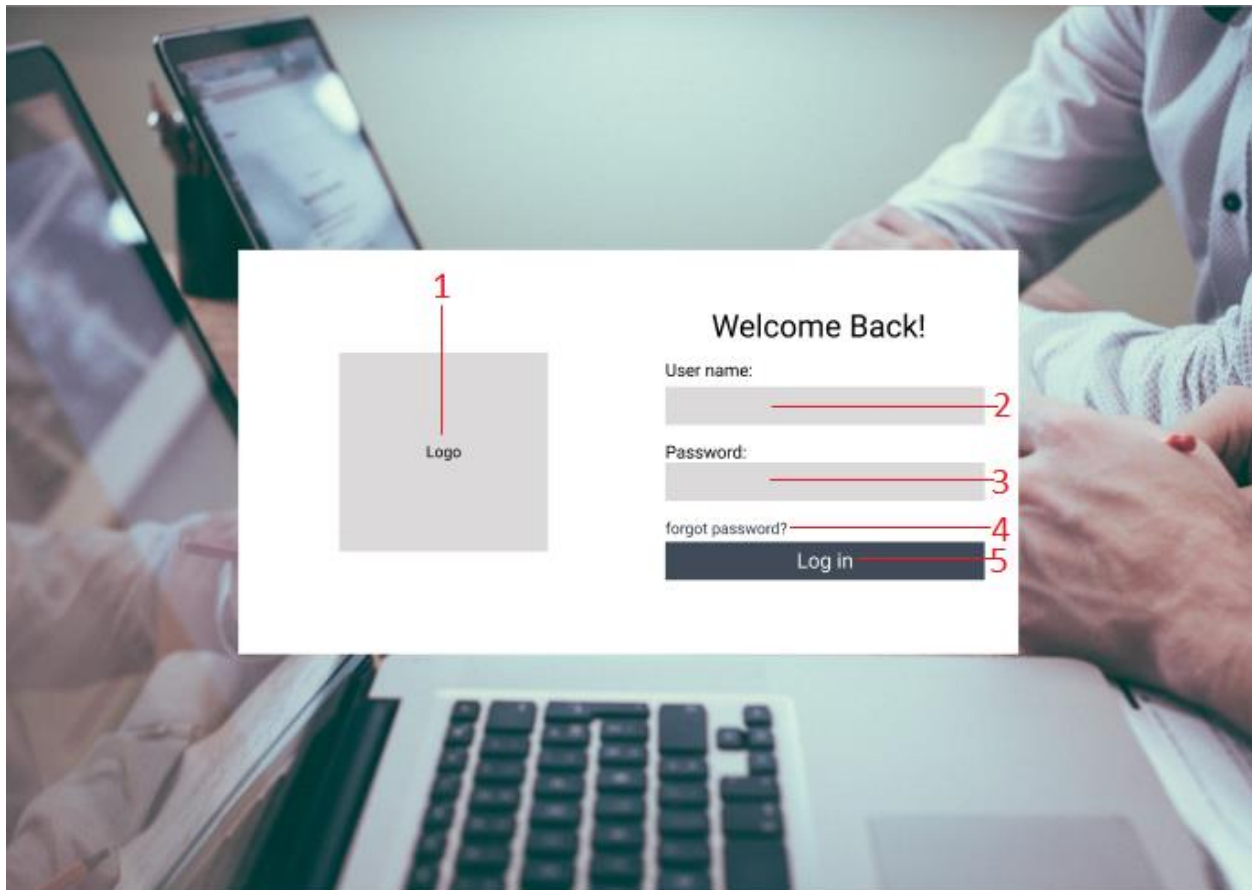
## 1.2. Scope

- Create complete interfaces, and describe them clearly.
- Overview of the stages and modules of the system.

# 2. Describe User Interface Application in Detail

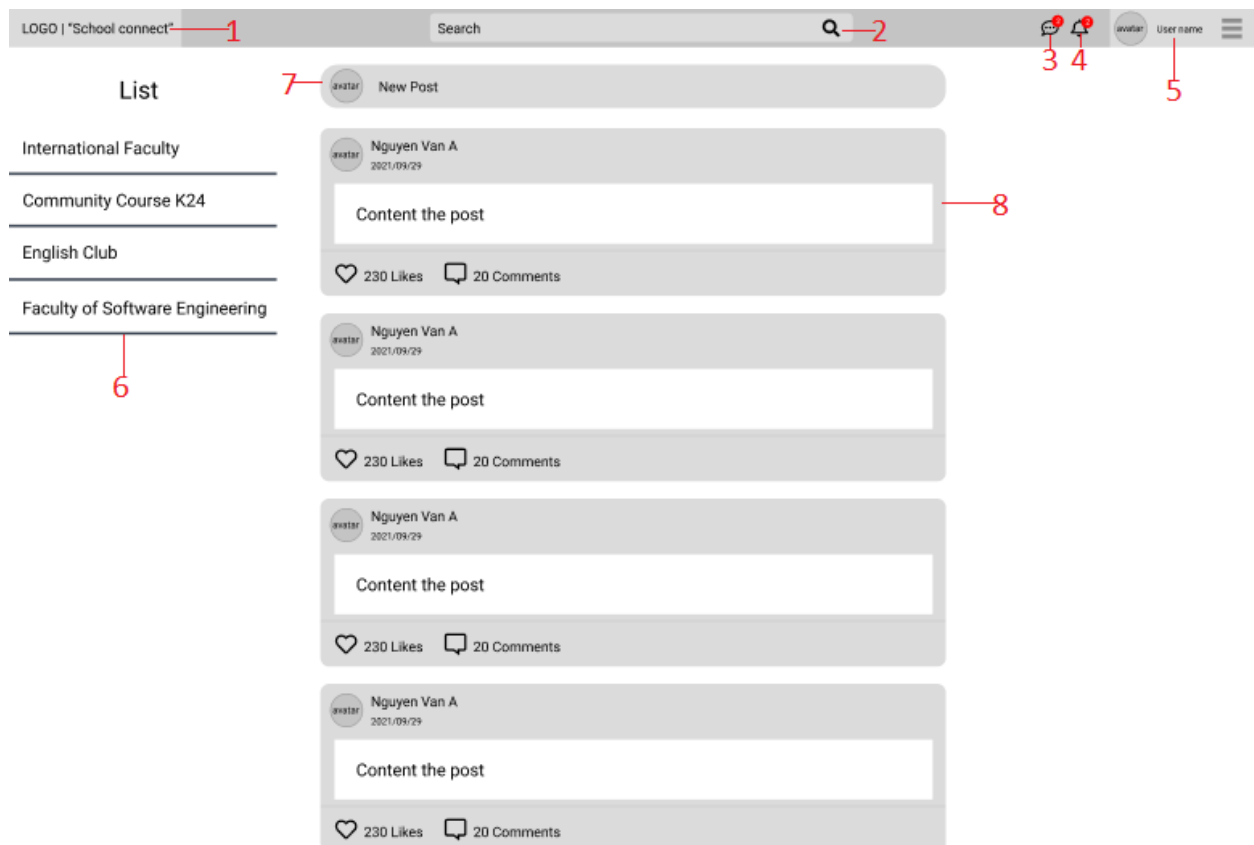
## 2.1. UI-User

### 2.1.1. 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	

### 2.1.2. 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 message	
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 user posts	

### 2.1.3. UI-03: Logout





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

#### 2.1.4. UI-04: Change Password

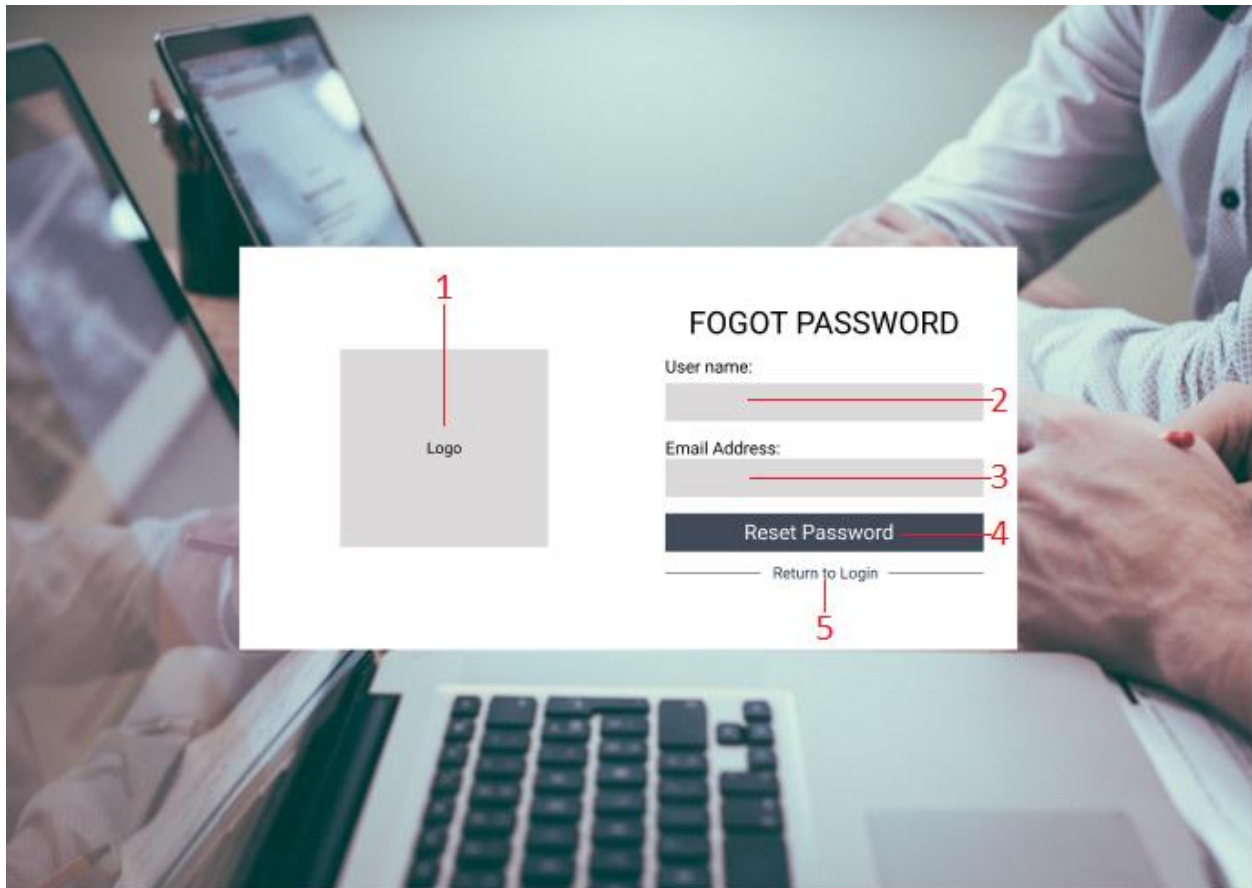
The diagram shows a 'Change Password' form with the following elements and numbered callouts:

- 1**: Points to the 'Current password:' text input field.
- 2**: Points to the 'A new password :' text input field.
- 3**: Points to the 'Enter a new password:' text input field.
- 4**: Points to the 'Save' button.
- 5**: Points to the 'Cancel' button.

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	

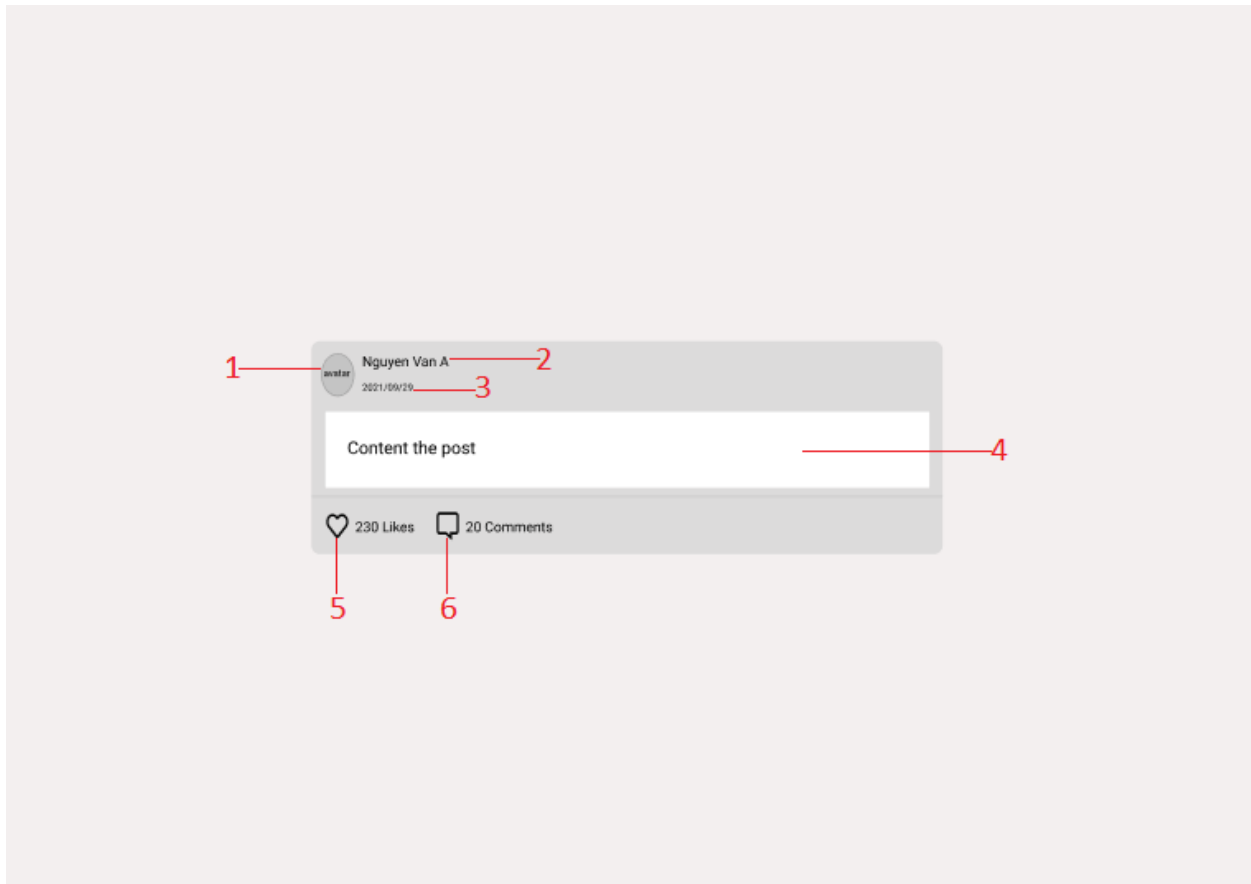
### 2.1.5. UI-05: Forgot Password



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 password	
5	Nothing	Link	Click to go to Login page	

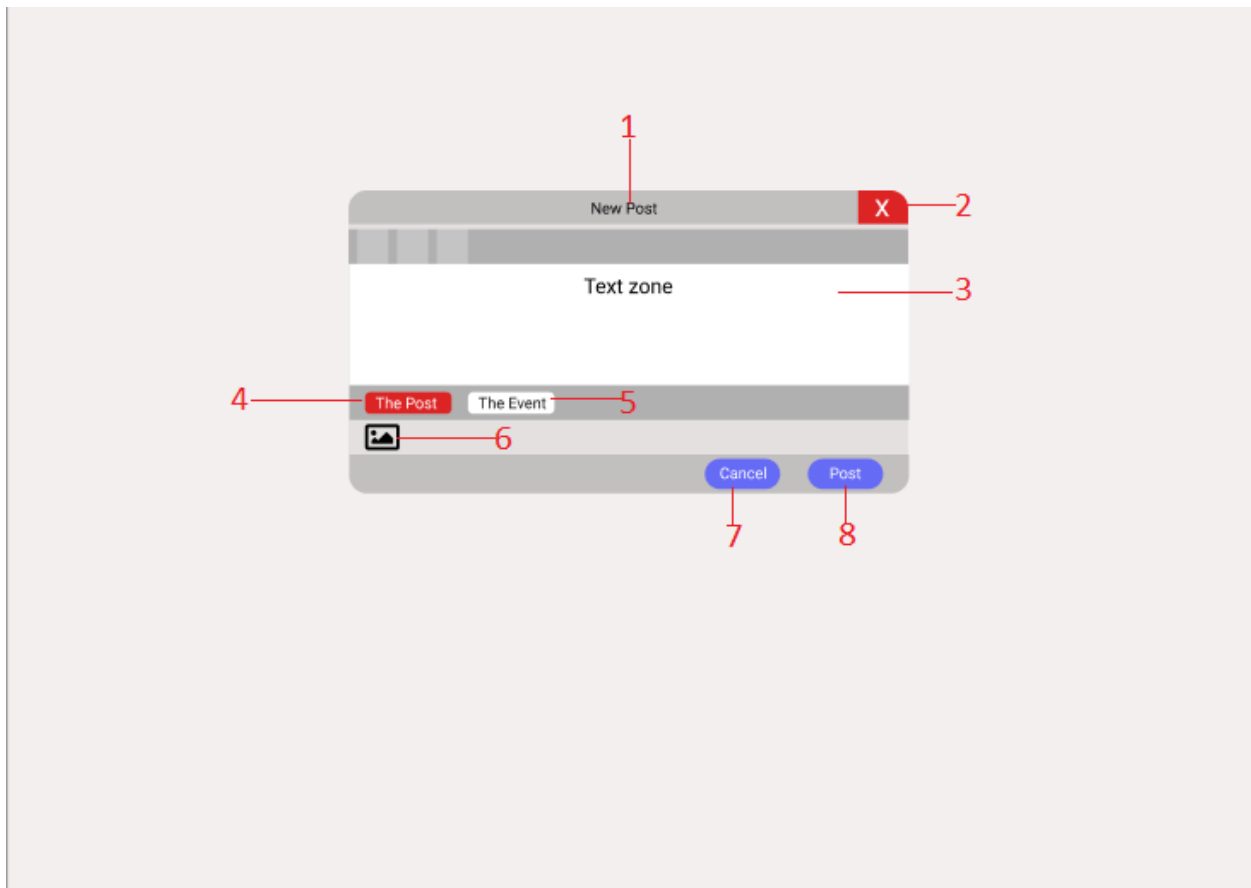
### 2.1.6. UI-06: View post



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	

### 2.1.7. UI-07: Create post or event



ID	Condition	Control Type	Target	Notes
1	View	Title	Display new post box title	

2	Click	Button	Click to disable new post box	
3	Input	Textarea	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	

### 2.1.8. UI-08: View profile

Header

Avatar

User Name

User Name

Hieu

Code

1212

Full Name

Nguyen Trung Hieu

Date of birth

12/20/2000

Email

hieungtrung@gmail.com

Gender

Male

Join date

20/10/2021

Address

17 Nguyen Van Linh

Phone Number

077\*\*\*\*\*

Role

Student

Update 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	

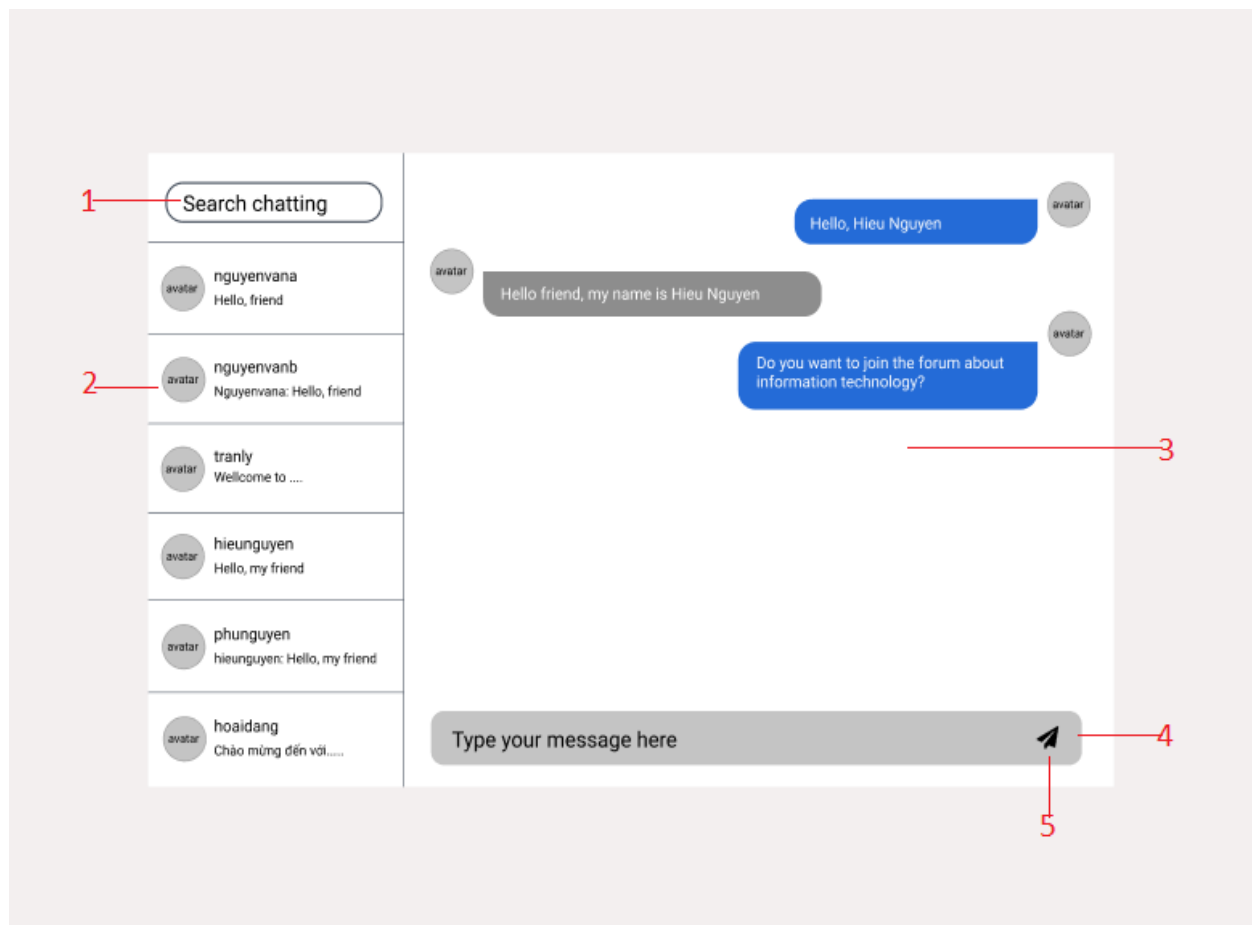
### 2.1.9. UI-09: Update profile

The screenshot shows a user profile update form. At the top is a circular 'Avatar' field (1). Below it is the 'User Name' label. The form consists of two columns of input fields. The left column contains: 'User Name' (2) with the value 'Hieu', 'Full Name' (3) with 'Nguyen Trung Hieu', 'Email' (4) with 'hieungtrung@gmail.com', 'Join date' (5) with '20/10/2021', and 'Phone Number' (6) with '077\*\*\*\*\*'. The right column contains: 'Code' (8) with '1212', 'Date of birth' (9) with '12/20/2000', 'Gender' (10) with 'Male', 'Address' (11) with '17 Nguyen Van Linh', and 'Role' (12) with 'Student'. At the bottom are two buttons: 'Cancel' (7) and 'Save' (13).

ID	Condition	Control Type	Target	Notes
1	Click	Image	Click to change 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 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	

### 2.1.10.UI-10: Chat





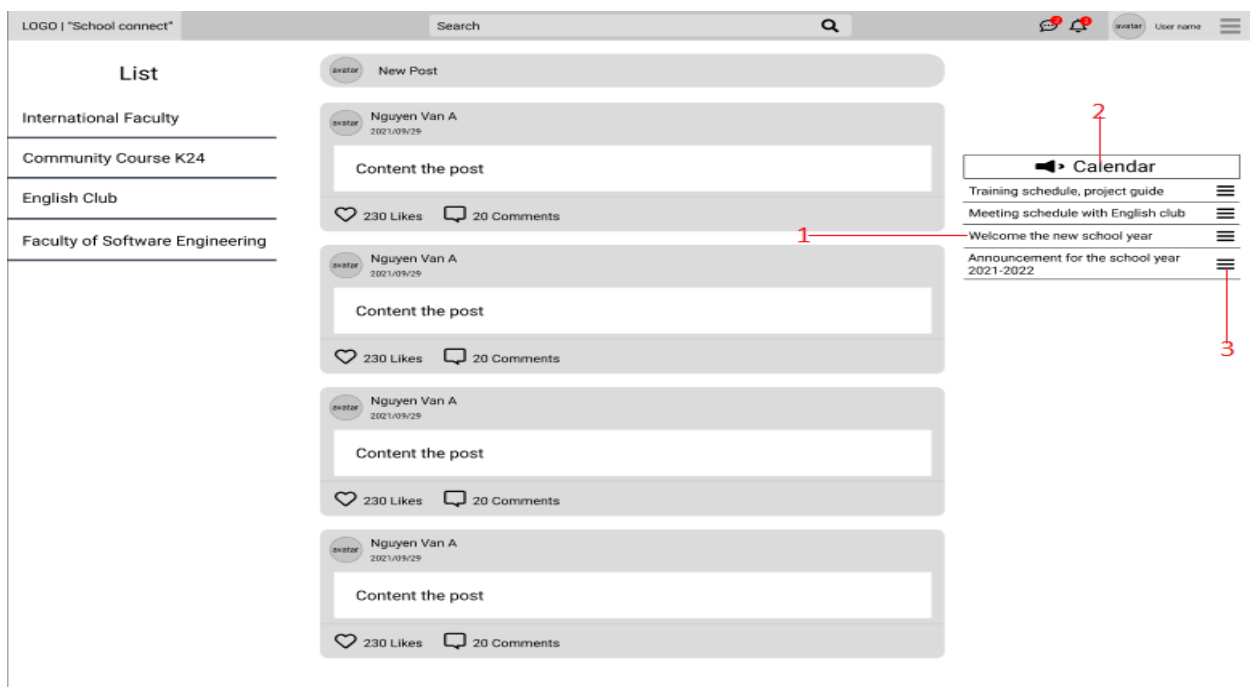
ID	Condition	Control Type	Target	Notes
1	Input	Textbox	Search chat	
2	View	Table List	View list of chats	
3	View	Nothing	View messages between people	
4	Input	Textbox	Enter the message you want to send	
5	Click	Button	Click to send a message	

### 2.1.11.UI-11: View Forum(User)



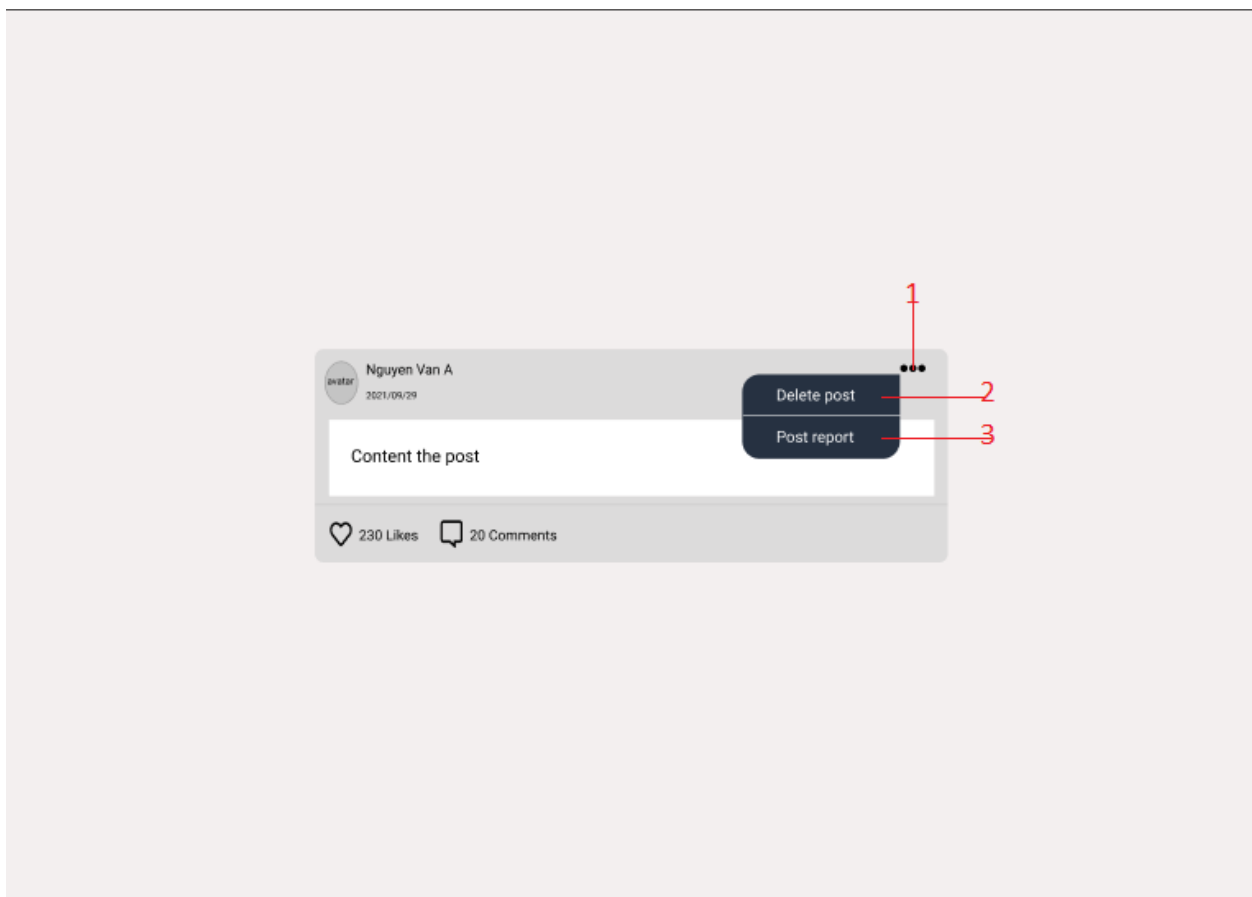
ID	Condition	Control Type	Target	Notes
1	View	Image	Display forum cover image	
2	View	Text	Display forum name	
3	Click	Button	Click to go to the forum new posts view page	
4	Click	Button	Click to go to the forum events view page	
5	Click	Button	Click to go to the forum members view page	
6	Click	Button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

### 2.1.12.UI-12: View Calendar



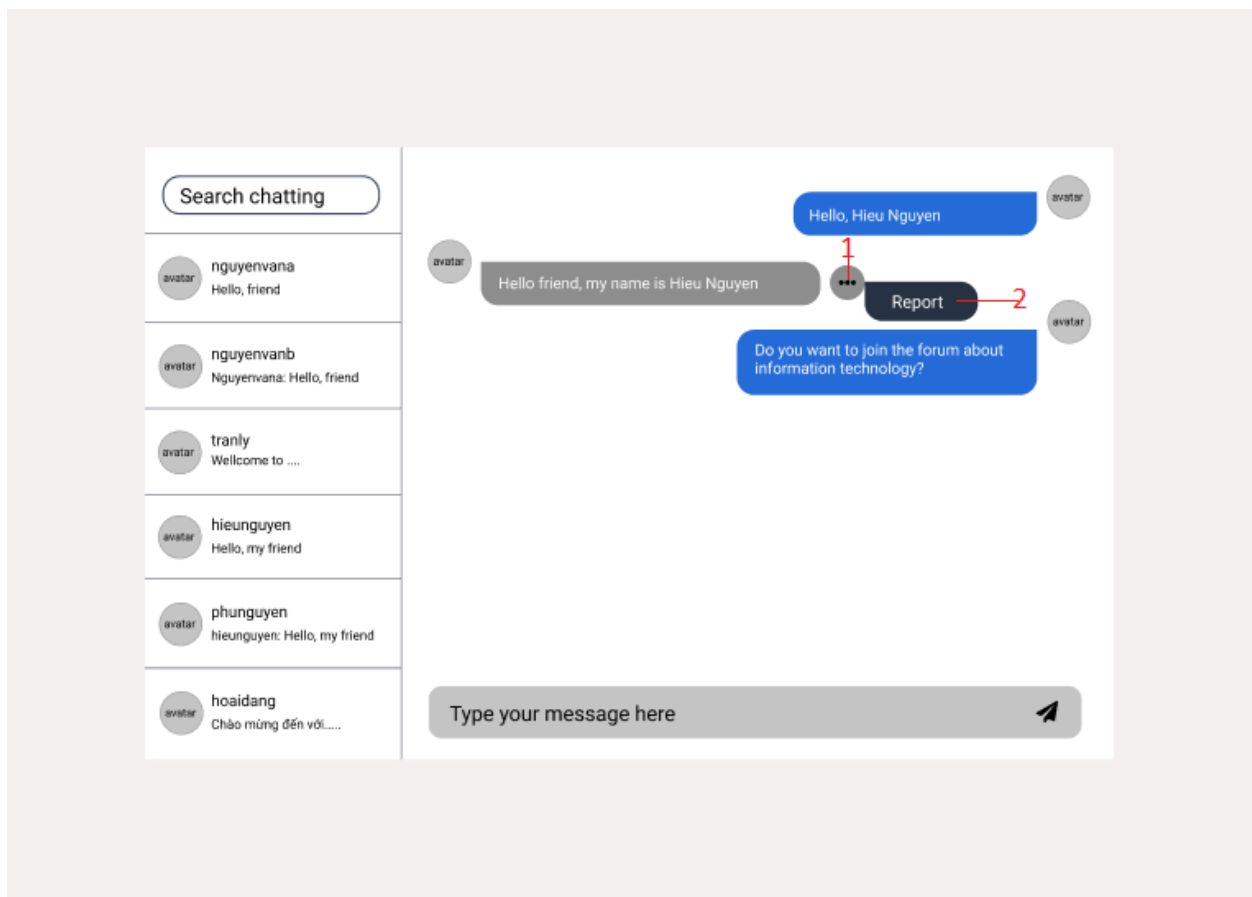
ID	Condition	Control Type	Target	Notes
1	View	Text	Calendar Title	
2	View	Table list	Display list of upcoming events calendar	
3	Click	Icon	Display details of the event calendar	

### 2.1.13.UI-13: Delete, Report The Post



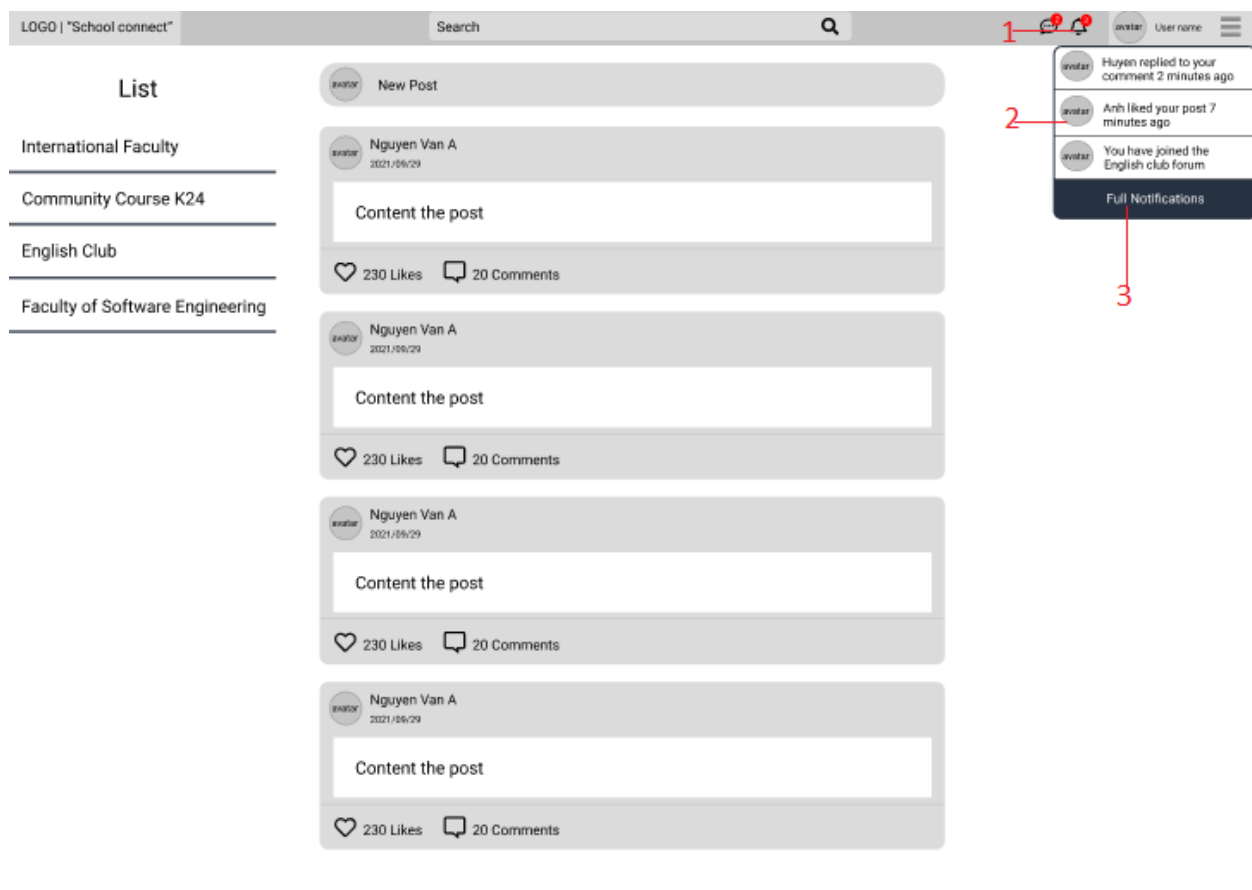
ID	Condition	Control Type	Target	Notes
1	Click	Icon	Click to display the functions of deleting posts, reporting articles	
2	Click	Text	Click to delete the post	
3	Click	Text	Click to report the post	

### 2.1.14.UI-14: 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	

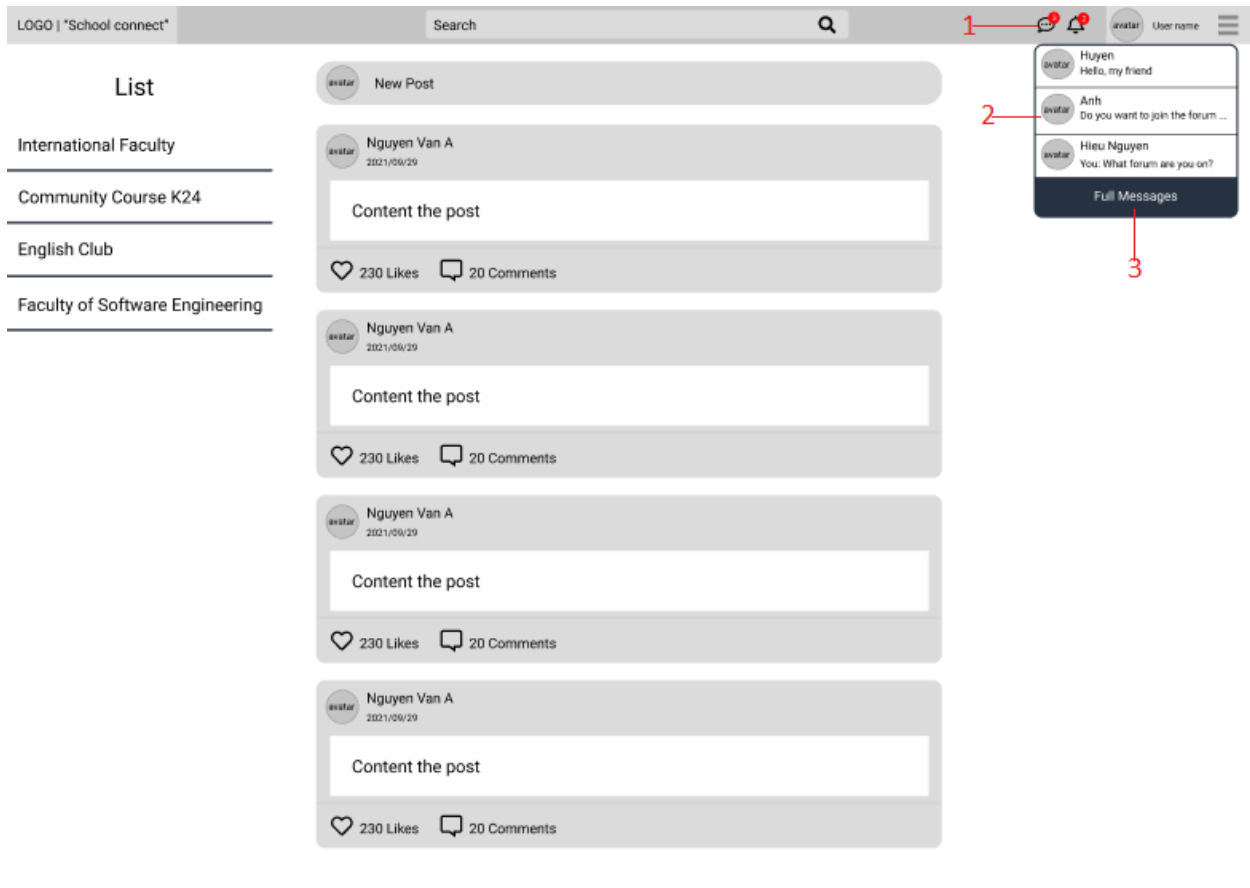
### 2.1.15.UI-15: Notification New



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	

### 2.1.16.UI-16: 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	

## 2.2. UI-Censor

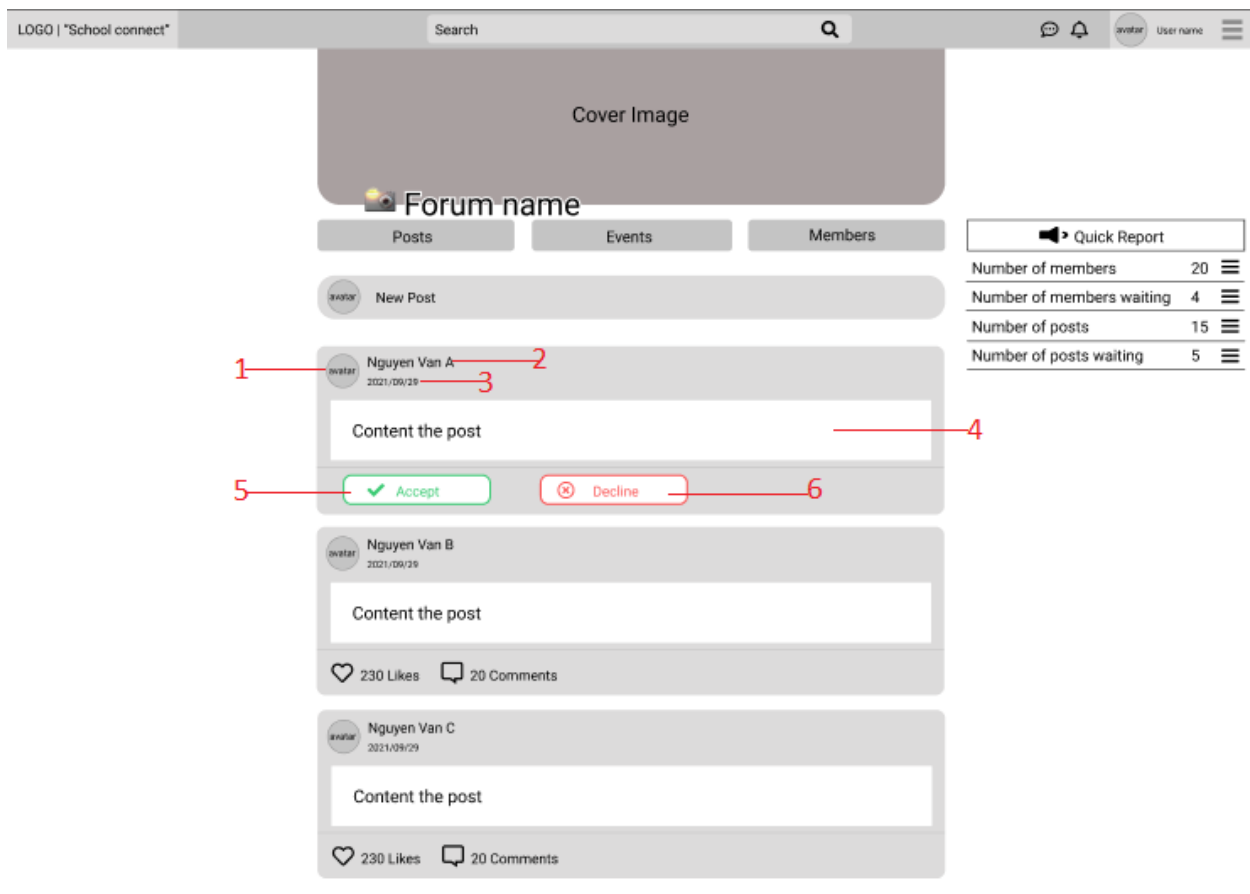
### 2.2.1. UI-01: View Forum(Censor)



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 user posts	
8	View	Table	Display the quick reports	

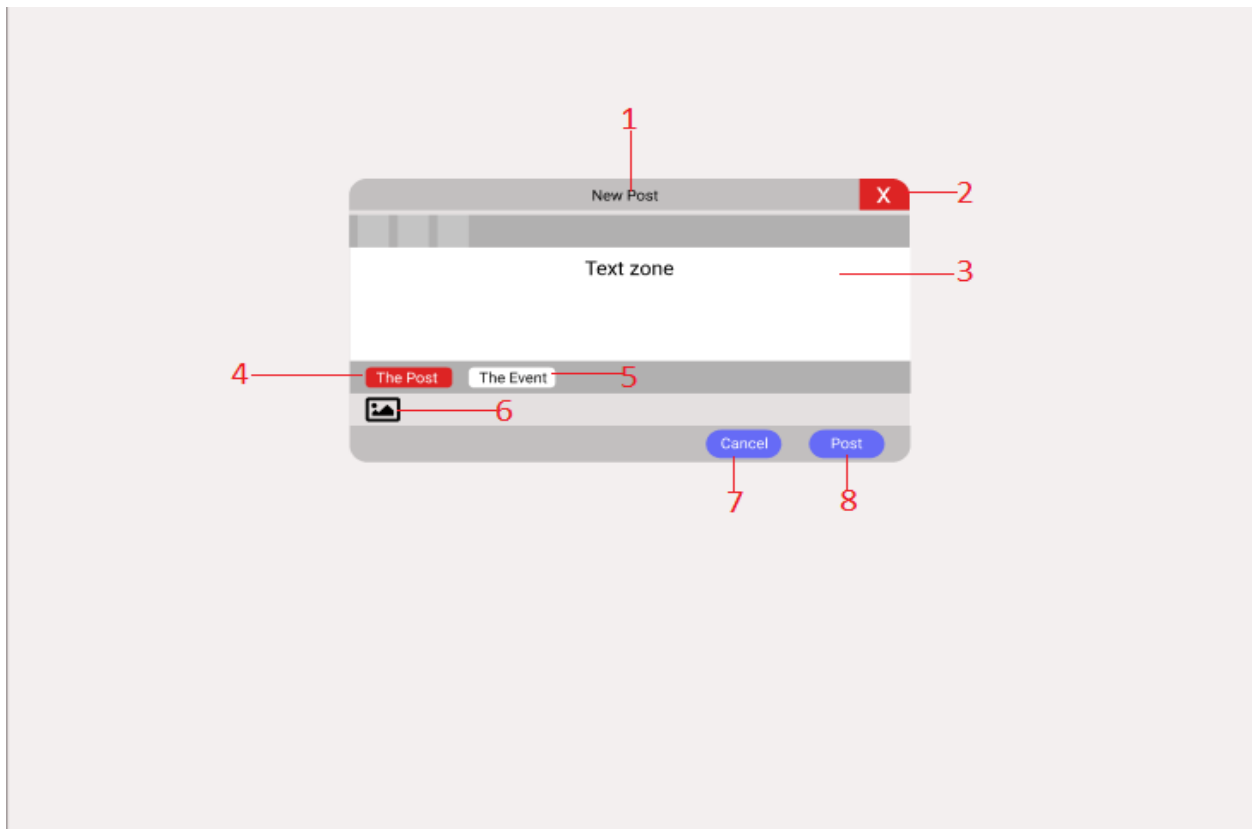
### 2.2.2. UI-02: Censorship The Post





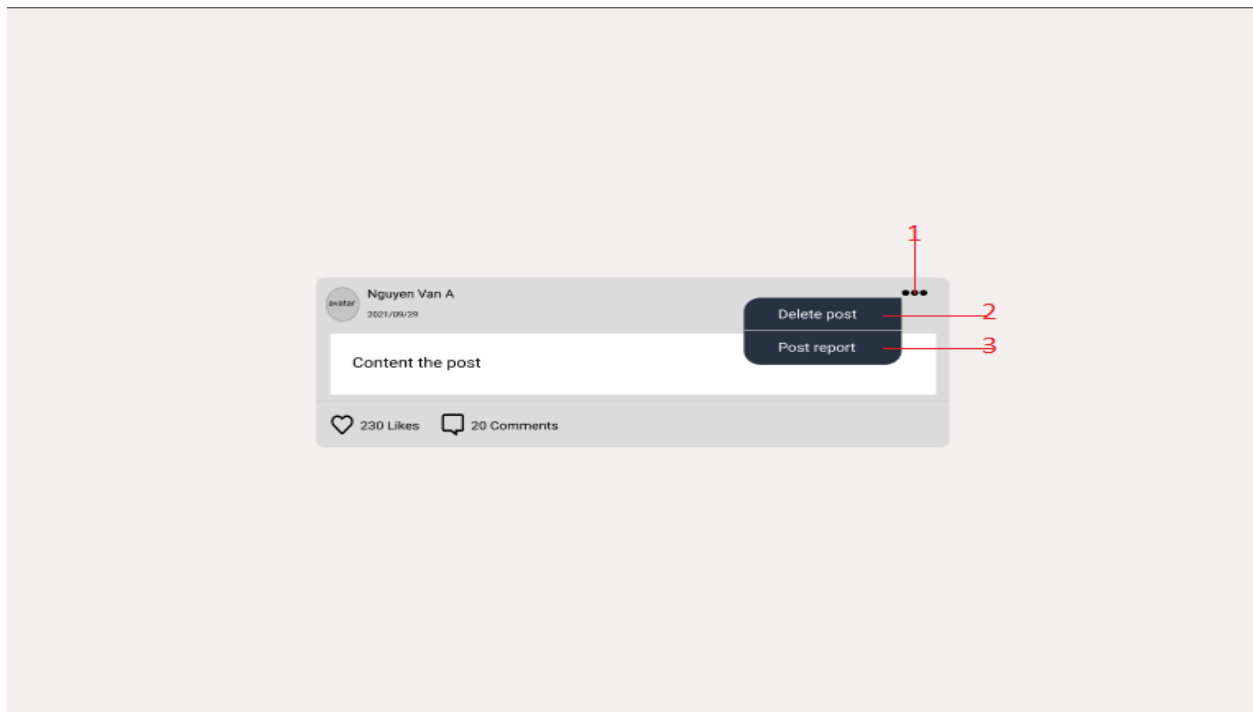
ID	Condition	Control Type	Target	Notes
1	Nothing	Picture	Avatar of user	
2	View	Text	Display the user's name	
3	View	Text	Display the post date of the article	
4	View	Text	Display the content of the article	
5	Click	Button	Click to moderate the post	
6	Click	Button	Click to cancel post browsing	

### 2.2.3. UI-03: Create post or event



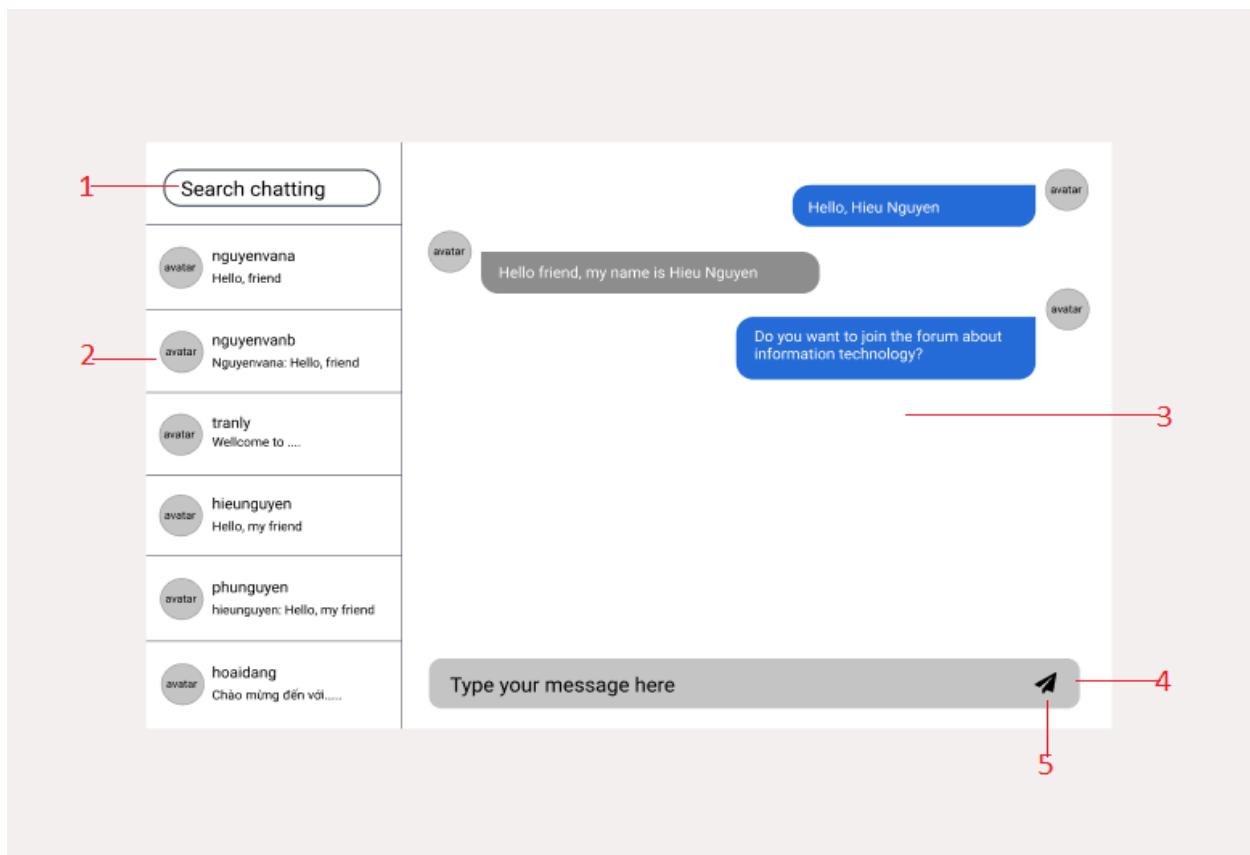
ID	Condition	Control Type	Target	Notes
1	View	Title	Display new post box title	
2	Click	Button	Click to disable new post box	
3	Input	Textarea	Input content the new post	
4	Click	Button	Click to switch to the new post mode	
5	Click	Button	Click to switch to the new event mode	
6	Click	Image	Click to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

#### 2.2.4. UI-04: 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	

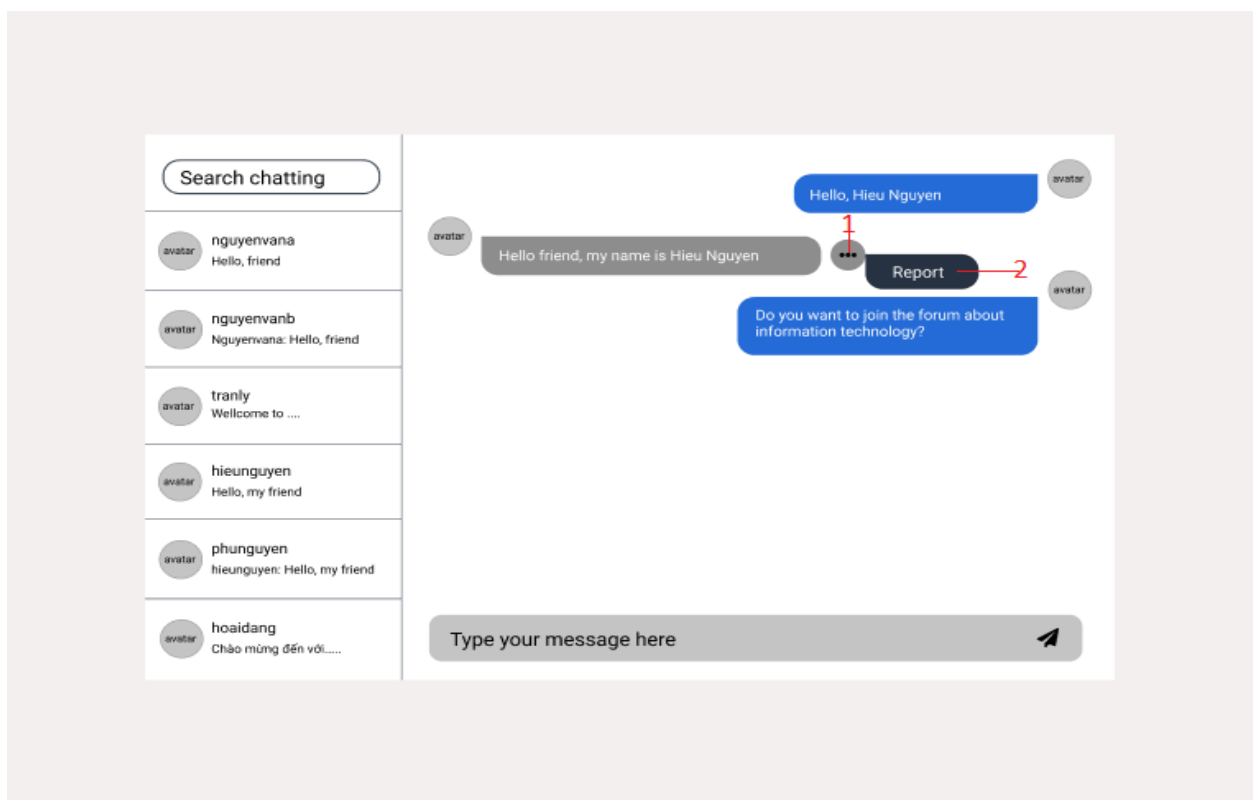
### 2.2.5. UI-05: Chat



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	

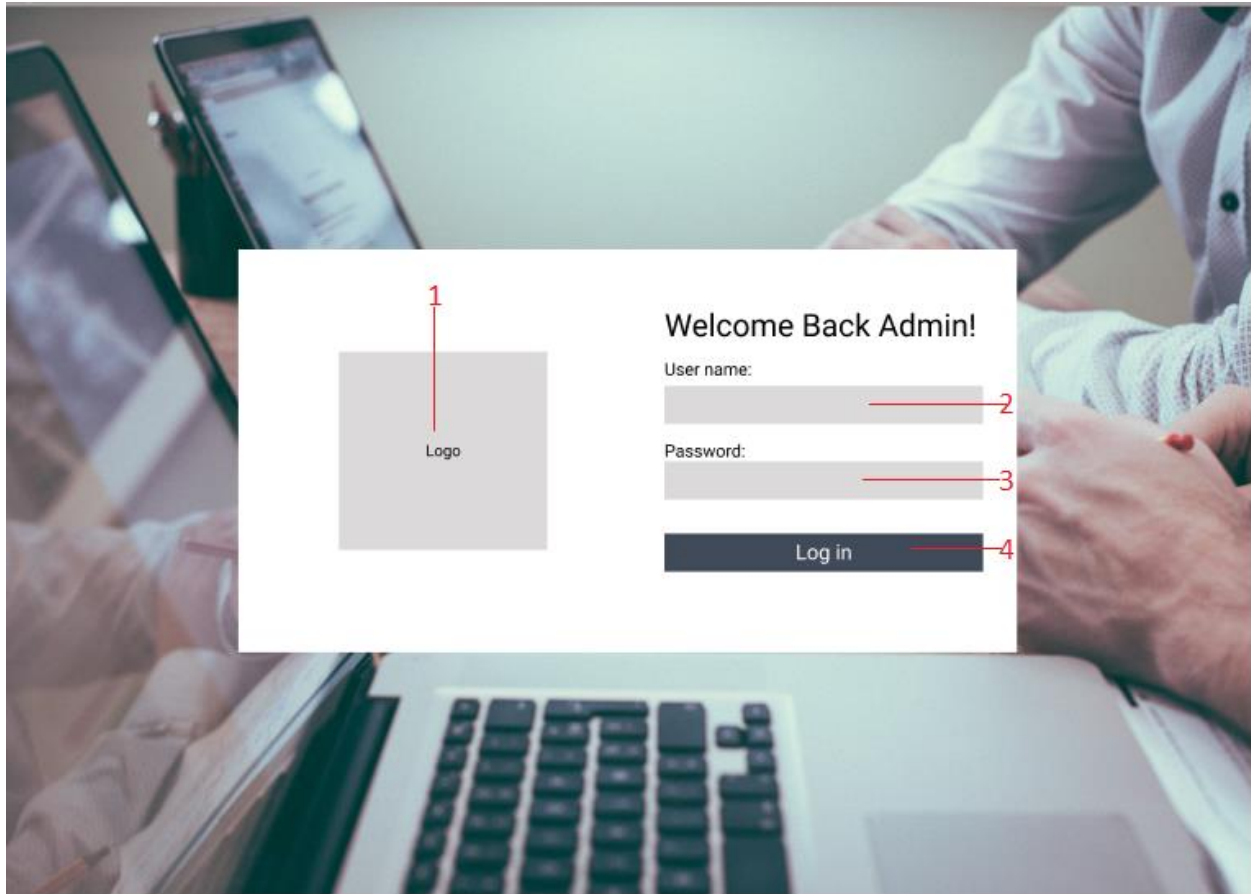
### 2.2.6. UI-06: Report the message



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	

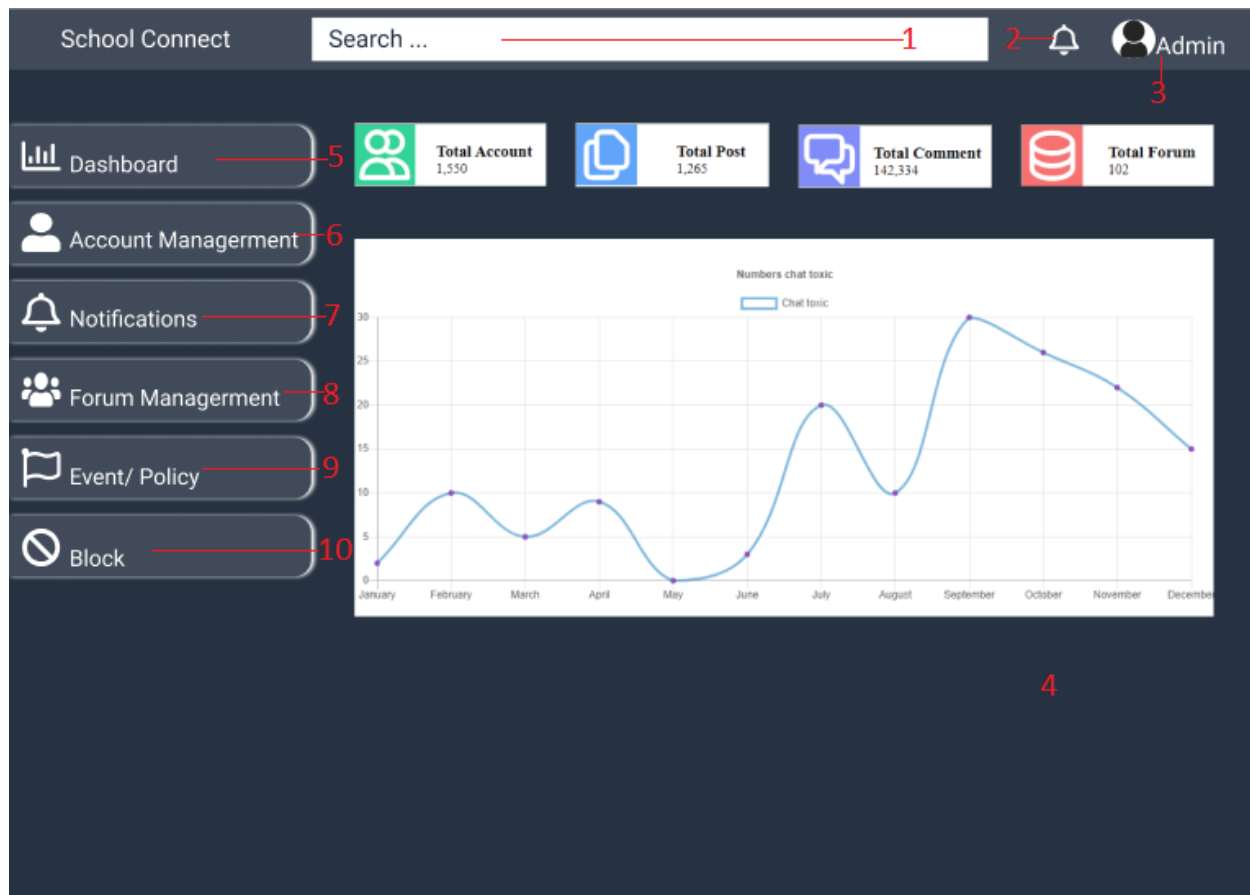
## 2.3. UI-Admin

### 2.3.1. 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	

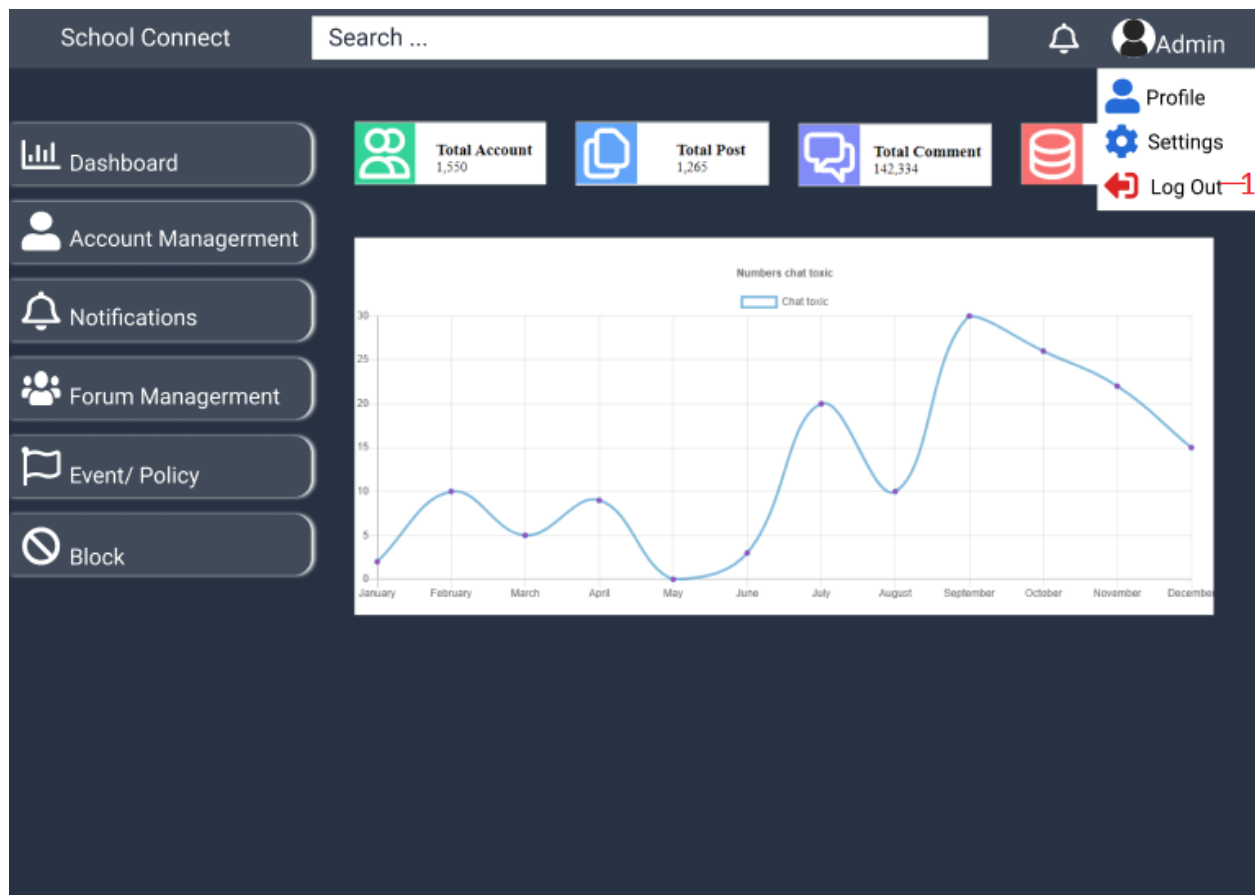
### 2.3.2. UI-02: Home Page



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, comment, the post in the system and show chart	
5	Click	Button	Click to go to Dashboard page	

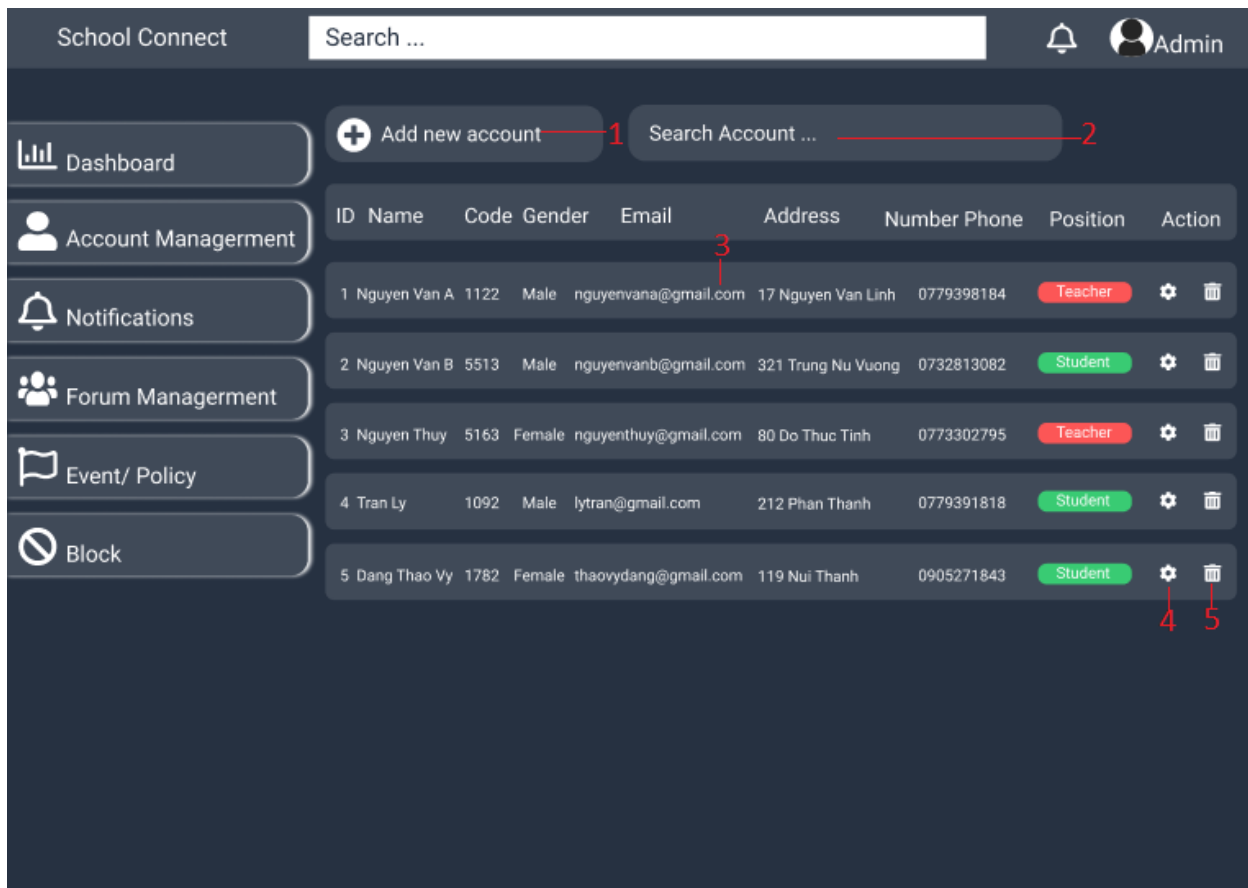
6	Click	Button	Click to go to Account Managerment page	
7	Click	Button	Click to go to Notifications page	
8	Click	Button	Click to go to Forum Managerment page	
9	Click	Button	Click to go to Event/ Policy page	
10	Click	Button	Click to go Block page	

### 2.3.3. UI-03: Logout



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

### 2.3.4. UI-04: Account Management



ID	Condition	Control Type	Target	Notes
1	Click	Button	Click to create new the 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	

### 2.3.5. UI-05: Add Account

School Connect Search ... Admin

Dashboard Account Management Notifications Forum Managerment Event/ Policy Block

1 Back to view account 2 Search Account ...

Add New Account

3 Full Name: 4 User Name: 5 Number Phone: 6 Code: 7 Date Of Birth: 8 Address: 9 Position: 10 Email: 11 Gender: Male Female 12 Roles: ADMIN CENSOR USER 13 New Account 14 Import by Excel

ID	Condition	Control Type	Target	Notes
1	Click	Button	Click to go to Account Managerment 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	Combobox	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 new account	
14	Click	Button	Click to import file Excel	

### 2.3.6. UI-06: Update Account

School Connect Search ... Admin

Dashboard Account Management Notifications Forum Management Event/ Policy Block

Back to view account Search Account ...

#### Update Account

Full Name:  User Name:

Number Phone:  Code:

Date Of Birth:  Address:

Position:  Email:

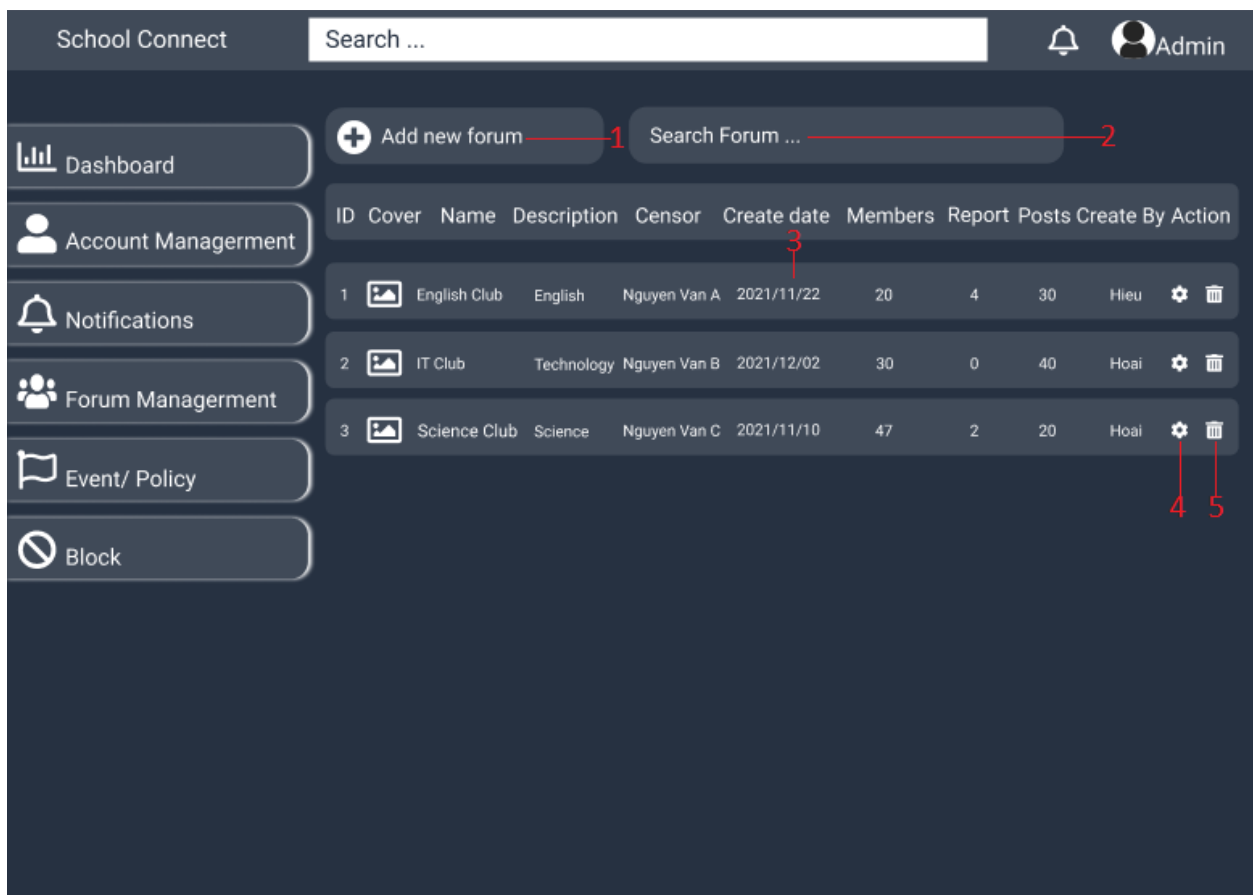
Gender: ☐ Male ☐ Female Roles: ADMIN CENSOR USER

Update Account

ID	Condition	Control Type	Target	Notes
1	Click	Button	Click to go to Account Managerment 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	Combobox	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	

### 2.3.7. UI-07: Forum Managerment



ID	Condition	Control Type	Target	Notes
1	Click	Button	Click to create new the 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	

### 2.3.8. UI-08: Add Forum

School Connect Search ... Admin

Dashboard Account Management Notifications Forum Management Event/ Policy Block

Back to view forum Search Forum ...

### Add New Forum

Forum ID:

Forum Name:

Description:

Pick A Censor:

CODE	NAME	
1122	Nguyen Van A	X
5163	Nguyen Thuy	X
5513	Nguyen Van B	X

Nguyen Van A  
nguyenvana@gmail.com  
2000-11-25  
17 Nguyen Van Linh

New Forum

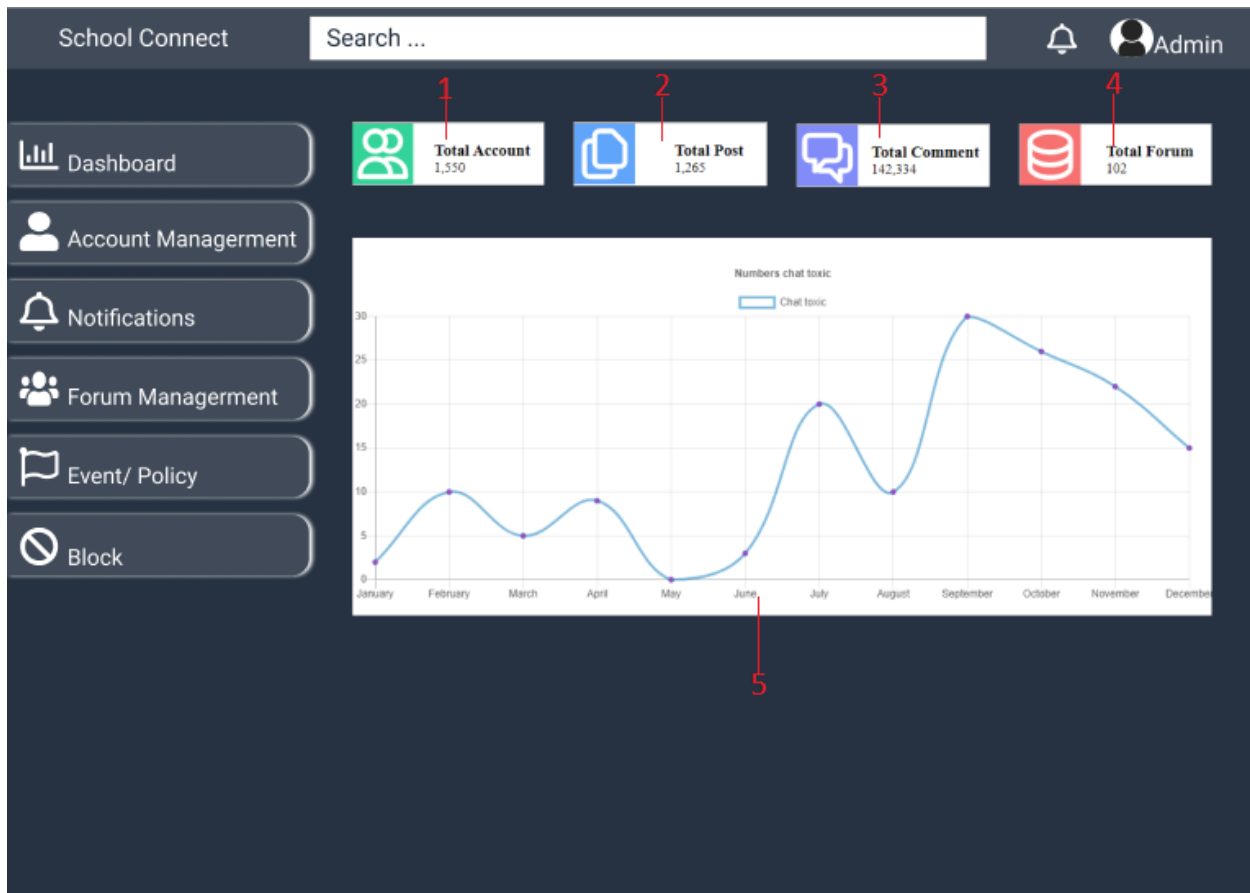
ID	Condition	Control Type	Target	Notes
1	Click	Button	Click to go to Forum Management page	
2	Input	Textbox	Search Forum	
3	Input	Textbox	Input the Forum Name	
4	Input	Textarea	Input the Description	
5	Click	Table	Choose the new forum's censor	
6	Click	Button	Click to upload photo	
7	View	Table	View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

### 2.3.9. UI-09: Update Forum

ID	Condition	Control Type	Target	Notes
1	Click	Button	Click to go to Forum Managerment page	
2	Input	Textbox	Search Forum	
3	Input	Textbox	Input the Forum ID	
4	Input	Textbox	Input the Forum Name	
5	Input	Textarea	Input the Description	
6	Click	Table	Choose the new forum's censor	
7	Click	Button	Click to upload photo	

8	View	Table	View information censor	
9	Click	Button	Click to update forum	

### 2.3.10.UI-10: Dashboard

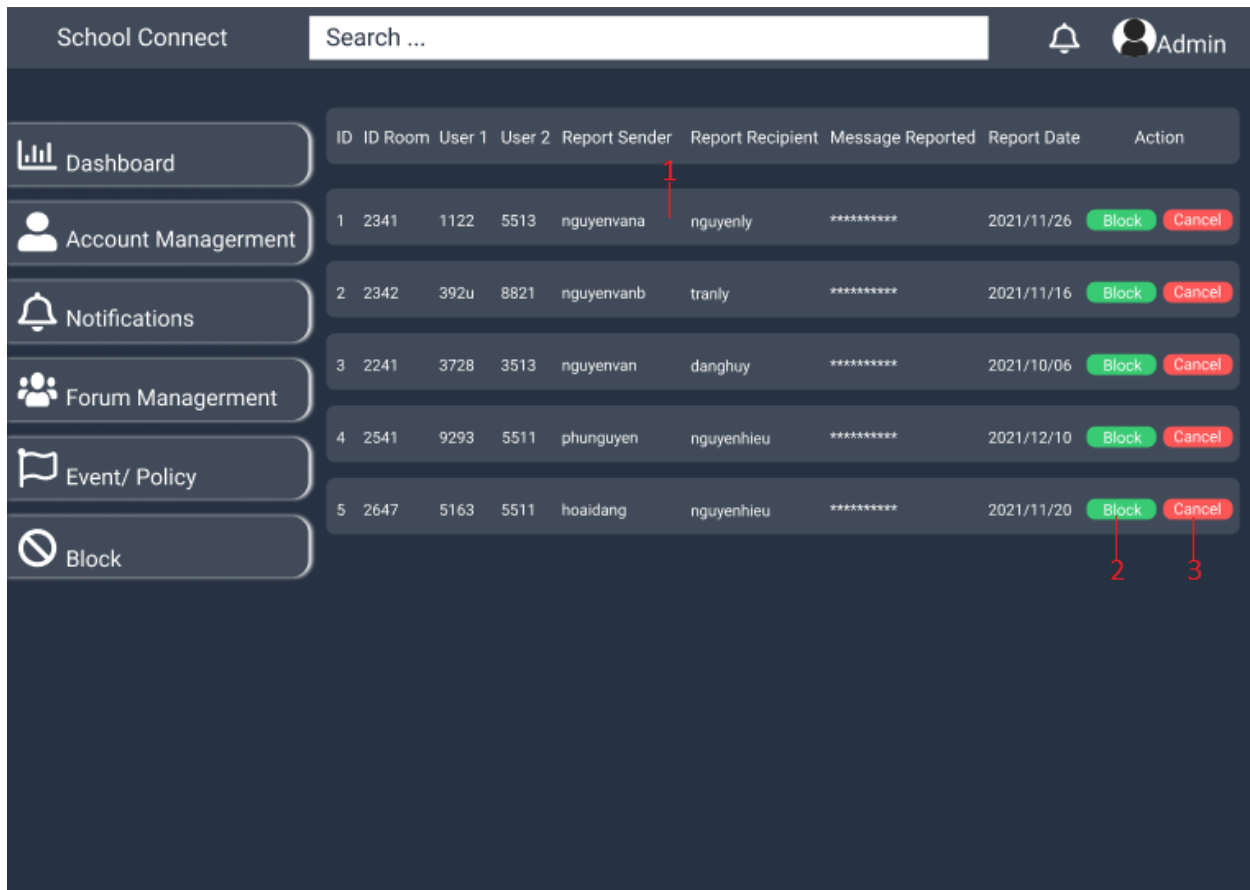


ID	Condition	Control Type	Target	Notes
1	Nothing	Label	Show total number account	
2	Nothing	Label	Show total number the post	
3	Nothing	Label	Show total number the comment	



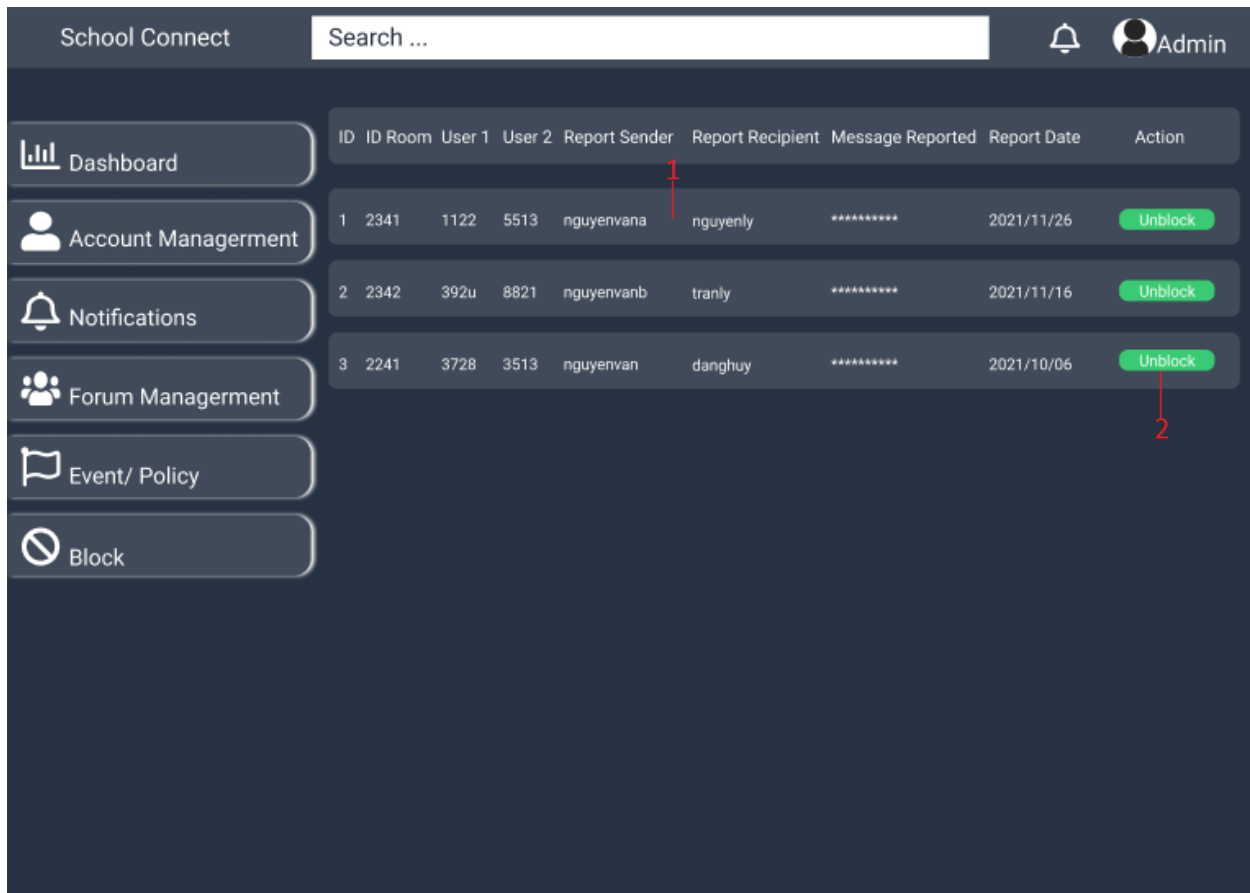
4	Nothing	Label	Show total number the forum	
5	Nothing	Chart	Show Chart about number chat toxic	

### 2.3.11.UI-11: Block Chat Toxic



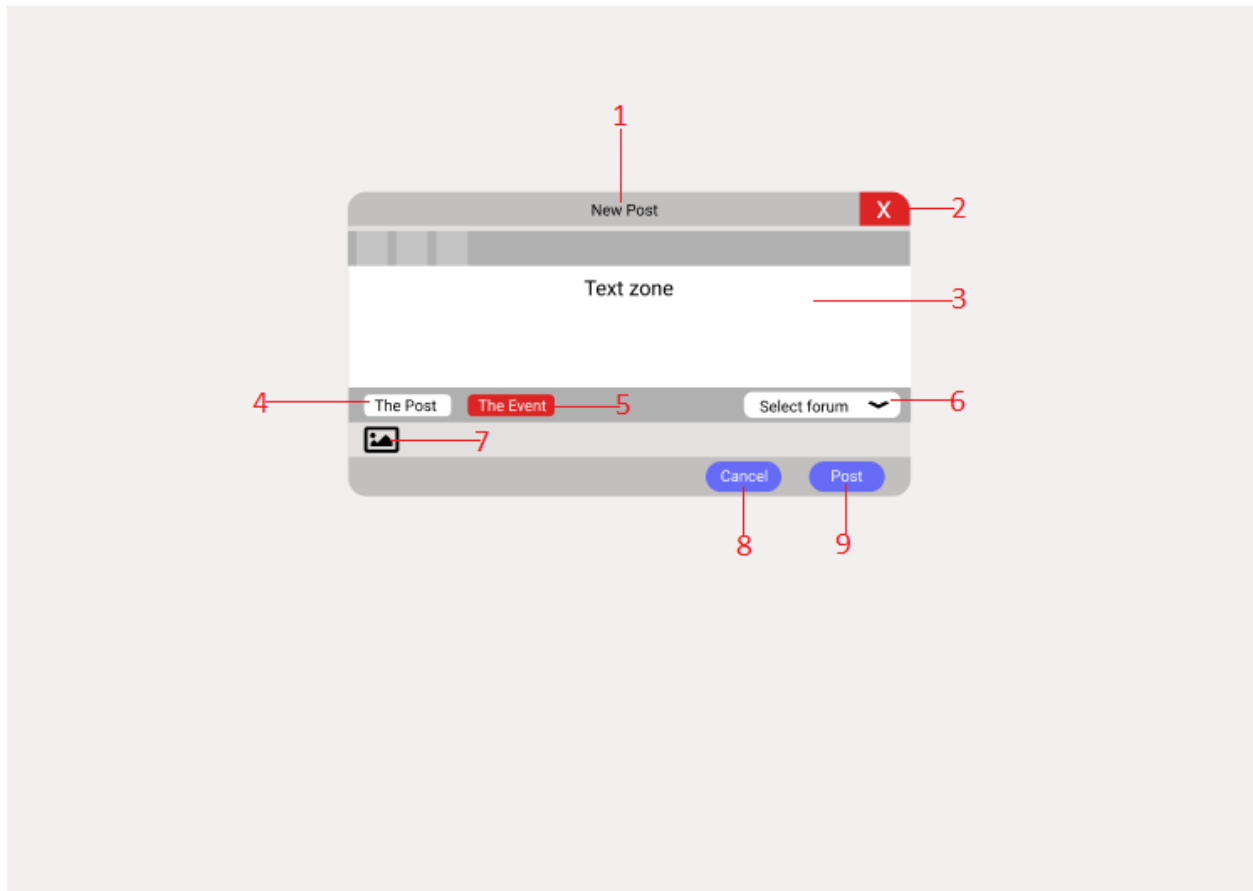
ID	Condition	Control Type	Target	Notes
1	View	Table	Display list of reported messages	
2	Click	Button	Click to Block Chat	
3	Click	Button	Click to Cancel	

### 2.3.12.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	

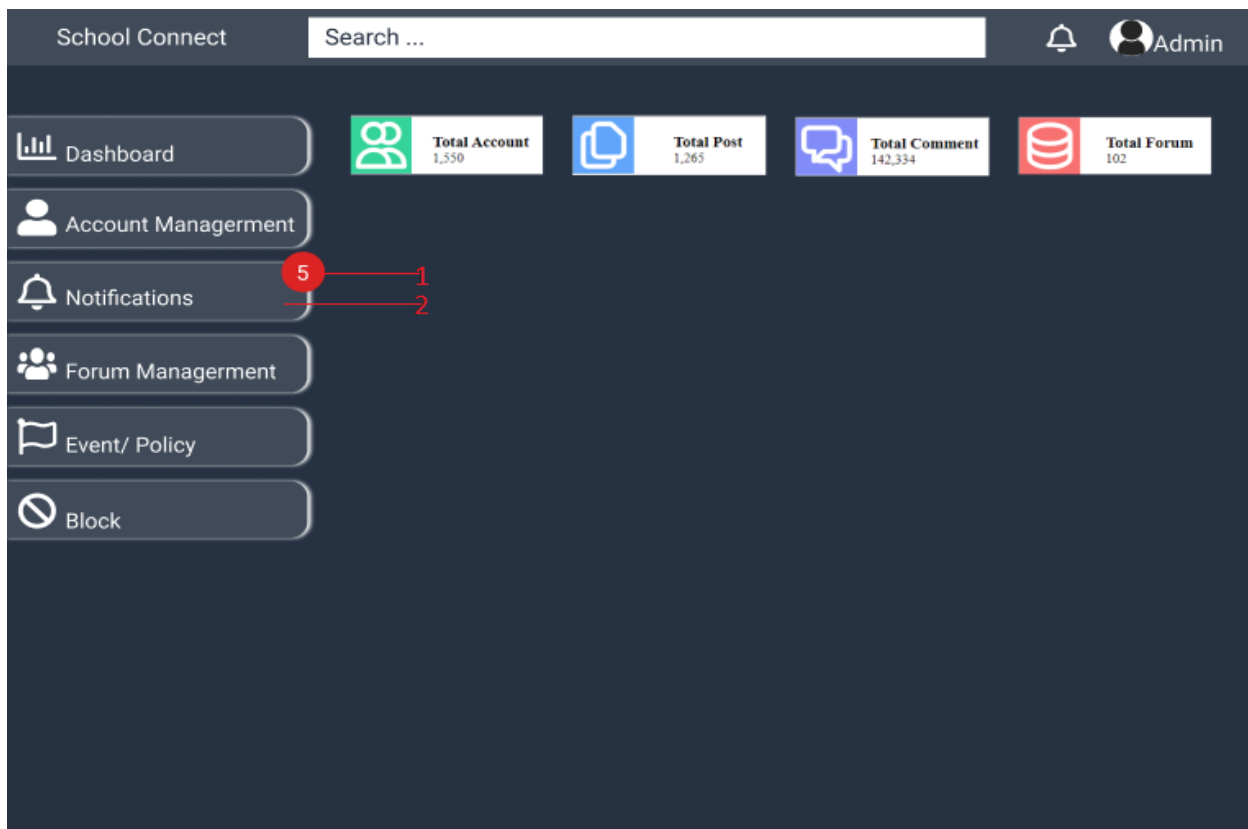
### 2.3.13.UI-13: Create Event



ID	Condition	Control Type	Target	Notes
1	View	Title	Display new post box title	
2	Click	Button	Click to disable new post box	
3	Input	Textarea	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	Dropdow 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	

### 2.3.14.UI-14: View Notification Admin



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