Fpt University

TRƯỜNG ĐẠI HỌC FPT

ACADEMIC BLOG AT FPTU

Software Requirement Specification

–Ho Chi Minh, May 2022 –

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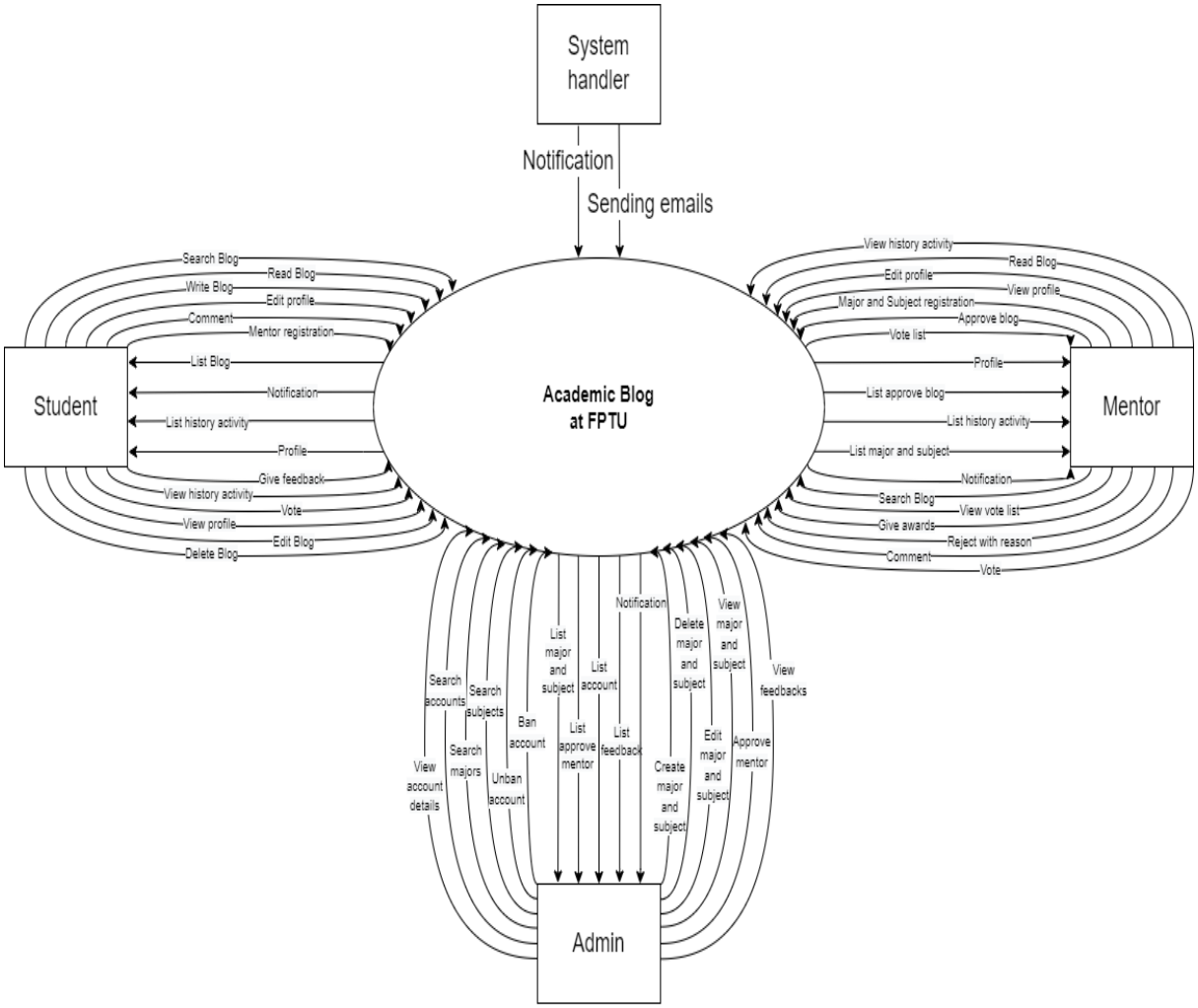
I. Overview

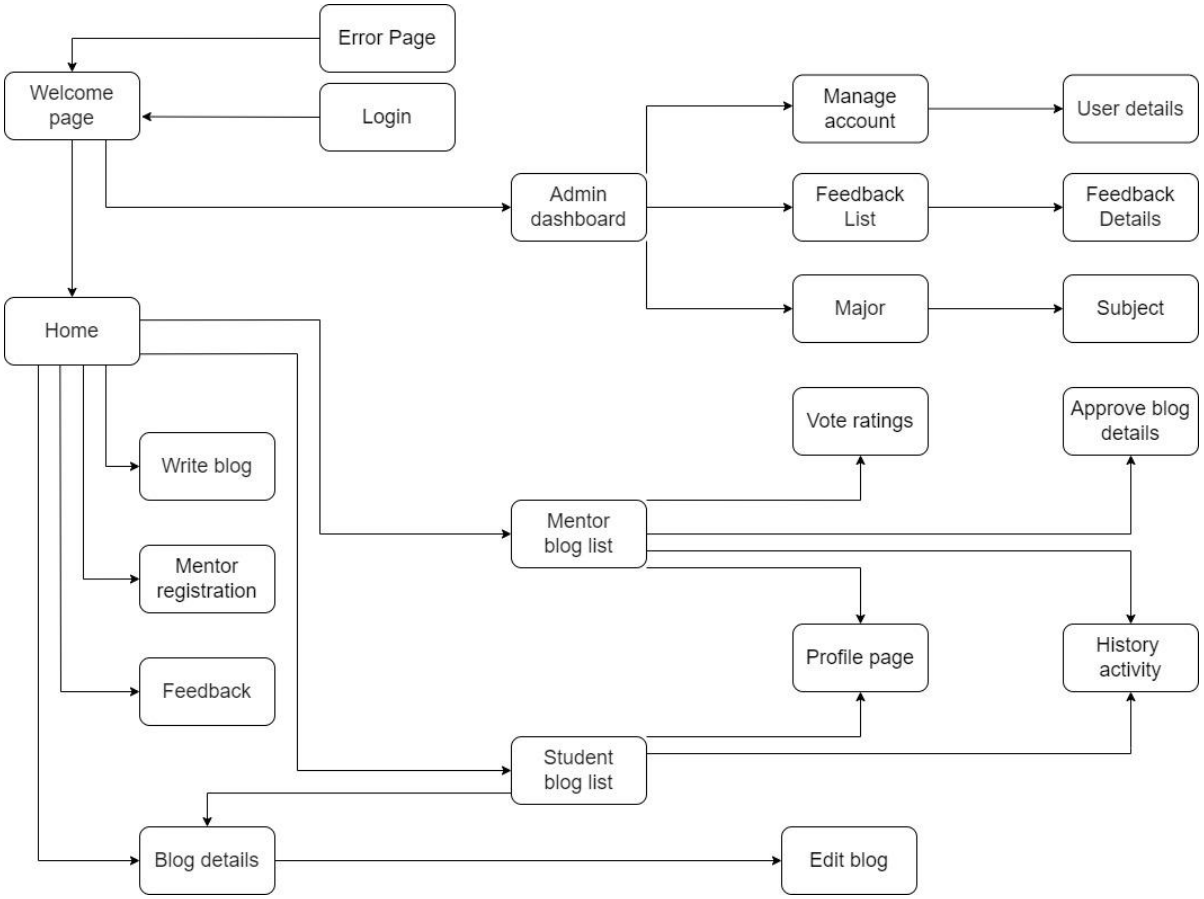
1. Introduction

In the digital era, information and data on the Internet are considered extremely rich knowledge resources. People can easily find information and data through this resource, however, that also brings many difficulties. Particularly, students are having difficulty in selecting the most urgent content and topics for their majors and subjects at university. In addition, students who have extracted experiences and knowledge through subjects and topics do not have the way to disseminate to the right audience - the students at university. Therefore, the Academic Blog at FPTU (ABF) was released as a solution to these problems. ABF is a website for all students of FPT University, this is a place for students to learn, gather knowledge and share experiences about their major, especially their subject. With some challenges in finding materials for research, the website is expected to provide more knowledge for students.


System handler
Notification
Sending emails
Student
Search Blog
Read Blog
Write Blog
Edit profile
Comment
Mentor registration
List Blog
Notification
List history activity
Profile
Give feedback
View history activity
Vote
View profile
Edit Blog
Delete Blog
Academic Blog at FPTU
Mentor
View history activity
Read Blog
Edit profile
View profile
Major and Subject registration
Approve blog
Vote list
Profile
List approve blog
List history activity
List major and subject
Notification
Search Blog
View vote list
Give awards
Reject with reason
Comment
Vote
Admin
Search accounts
Search subjects
Search majors
View account details
Ban account
Unban account
List major and subject
List approve mentor
List account
List feedback
Notification
Create major and subject
Delete major and subject
Edit major and subject
View major and subject
Approve mentor
View feedbacks

2. System Functions

A. Screen Flow



B. Screen Details

#	Feature	Screen	Description
1	Welcome	Welcome page	On this screen, a login button appears along with images related to FPT University. Inspire people to log in so they can read their shares and write their own blog.
2	Home page	Home	On this screen, shows a preview of featured blogs that are interactive or featured and can be clicked to view. In addition, there are places to choose to be able to write a new blog and choose to go to the feedback page.
3	Write new blog	Write blog	On this screen, this is a place for users to write up their academic experiences and share their learning experiences with people who are interested in that topic.
4	View blog	Blog details	This is the screen page, to view the details of the blog post so that the user can interact with the blog post with functions such as commenting, dropping icons, ... Along with that, the user will be able to comment on posts and viewers and if it's myblog then you have the right to edit it.
5	Edit blog	Edit Blogs	Show a page that allows users to view the blog's detailed information that has not been updated including thumbnail, title, content, video, and update date. The users can change the above information and

			then the “update date” will change after the users edit the blog.
6	Give Feedback	Feedback	On this screen, the page will display a form with some sections for users to assess the quality of the website. Particularly, at the top of the page, a section offers several options for the problems that students are facing. In the below section, students can write about their problems in detail. And at the bottom, the page will have a section for students to provide their suggestions that will improve the website in the future. Finally, the students need to send this form to the admin by clicking on the Submit button.
7	Admin page	Admin dashboard	On this screen, it shows what functions an administrator can administer such as: Manage account, view feedback, manage major and subject,... Here, the administrator can choose one of these functions to meet the requirements of management as well as edit and change to guide the content of the website in the future.
8	Manage account	Manage account	This screen will display the functions used to manage accounts (including students and lecturers) such as providing permissions for new teachers, removing accounts that are no longer in use or violating the rules,...
9	Feedback List	Feedback List	On this screen, a list of feedback sent by users about the system's problems or mentor's activities is displayed so that they can promptly solve problems to make the blog more complete. Along with each feedback there will be a button to view details about that feedback.
10	Feedback details	Feedback details	On this screen it will display a list of feedback from students and teachers about the system's operation and the stability of the website.
11	Manage Major	Major	This screen shows the list of managed majors. Along with the options to add, delete, edit for the displayed items. From there, there is a link to the subject page to manage specific subjects.
12	Manage Subject	Subject	On this screen, a list of subjects is displayed to attach to the user's blog posts. Along with the features: add, delete, edit, ... so that admin can manage those items.
13	Mentor page	Mentor blog list	On this screen, mentors can view and edit their information and show what functions a mentor can manage such as:View vote (view vote blog), Approve blog and as well as create a blog post
14	View vote	Vote Ratings	This screen will show the votes ratings of the blog and it has a button “Give awards” to show the pop-up give awards to the top votes ratings.
15	Approve blog	Approve blog details	On this screen, we can see a list and detailed content of blog posts such as: title, subject, subject, blog post content, .. posted by students and waiting for mentor approval.

16	Manage profile	Profile page	This function shows users' information including their full name, gender, participating majors, and self-image (avatar), users can change the above information by clicking the Edit button. However, the users are not allowed to change their email.
17	Manage activity	History activity	On this screen, teachers and students can see the action of their interactions such as: what blogs they have written, the votes they have voted, comments, detailed blogs. they watched,... during their use in the web
18	Student page	Student blog list	On this screen, students can view full their own blog lists and click on every blog to view in detail to edit when they want to change or delete the blog.
19	User details	User details	On this screen, the admin can see all user activities and these activities are sorted by most recent time.
20	Manage draft blog	Draft blog	On this screen, users can review their unfinished blog posts and users can continue to complete their blog posts on this page.
21	Mentor register	Mentor registration	This screen allows the user to apply to become a mentor of a certain subject by submitting the necessary certifications to demonstrate that the user has the necessary qualifications and knowledge to become a mentor of a subject that subject for admin to censor
22	Notify Errors	Error Page	This screen shows login errors such as not logging in with the suitable email, the account has stopped working or logging in with the wrong role, etc. These error messages will be displayed on the Error page.

C. User Authorization

Screen	Guest	Student	Mentor/ Lecturer	Admin
1. Welcome page	X	X	X	X
1.1. Login with Google accounts		X	X	X
2. Home		X	X	
2.1. Search blogs by title		X	X	
2.2. Search blogs by major		X	X	
2.3 Search blogs by subject		X	X	
2.4. View all blogs		X	X	
2.5. View personal page		X	X	
2.6. Mentor register		X	X	
2.7. View profile		X	X	
2.8. View approve blog list			X	
2.9. View history activity list		X	X	
3. Admin Dashboard				X
3.1. View major list				X
3.2. View subject list				X
3.3. View feedback list				X
3.4. View account list				X

3.5. Logout				X
4. Manage account				X
4.1. View user details				X
4.2. Search account				X
5. User details				X
5.1. View user activities				X
5.2. Ban/Unban account				X
6. Major				X
6.1. Create new Major				X
6.2. View subject of major list				X
6.3. Search major				X
6.4. Delete Major				X
7. Subject				X
7.1. Create new Subject				X
7.2. Search Subject				X
7.3. Delete Subject				X
8. Feedback List				X
8.1. Search feedback system				X
8.2. Search feedback mentor				X
9. Feedback Details				X
9.1. View feedback details				X
10. Mentor blog list				
10.1. View approve blog details			X	
10.2. Search blog			X	
10.3. Logout			X	
11. Approve blog details			X	
11.1. Approve blog			X	
11.2. Reject blog			X	
11.3. Send feedback			X	
12. Vote ratings			X	
12.1. View vote list			X	
12.2. Choose award			X	
13. History activity		X	X	
13.1. View activity details		X	X	
13.2. Search activity		X	X	
14. Write Blog		X	X	
14.1. Post blog		X		
14.2. Save draft blog		X		
15. Student blog list		X		
15.1. View blog details		X		
15.2. View blog details		X		
15.3. View profile		X		
15.4. Logout				
16. Blog Details		X	X	
16.1. Edit blog		X		
16.2. Delete blog		X		

16.3. Comment blog		X	X	
16.4. Vote blog		X	X	
16.5. View number of votes		X	X	
16.6. Give awards			X	`
17. Profile page		X	X	
17.1. Edit/Update profile		X	X	
18. Edit Blogs		X	X	
18.1. Edit blog		X		
19. Feedback		X		
19.1. Give Feedback		X	X	
20. Mentor registration		X	X	
20.1. Mentor register		X	X	
20.2. Process user requests				X
21. Draft blog		X	X	
21.1. Continue write blog		X		
21.2. Delete draft blog		X		
21.3. Search draft blog		X		
22. Error page	X	X	X	X

In which:

- Guest: visitors who are not students of FPT University.
- Student: who are students of FPT University, are allowed access to the university's blog website.
- Mentor/ Lecturer: who is allowed access to the university's blog website, assesses, approves students' blogs, and gives awards for appropriate blogs.
- Admin: acts as the system administrator, creates categories, tags, and tracks other users.

D. Non-Screen Functions

#	Feature	System Function	Description
1	Sign-in with Google	API	Users use FPT University's Gmail accounts to log in to the blog website. Whenever users click on the sign-in button, the authorization request is sent. The web server will confirm "logged-in" to users after Google returns user Google account tokens.
2	System Handler	Sending emails/ notifications to users	The system will send notifications or emails to users whenever there are new blogs or other users interact with their blogs.

3. Common Requirements

- User Login: authenticate the users to give them authorised features access to the system.

- User Authorization: authorise users into the web functions based on their roles.

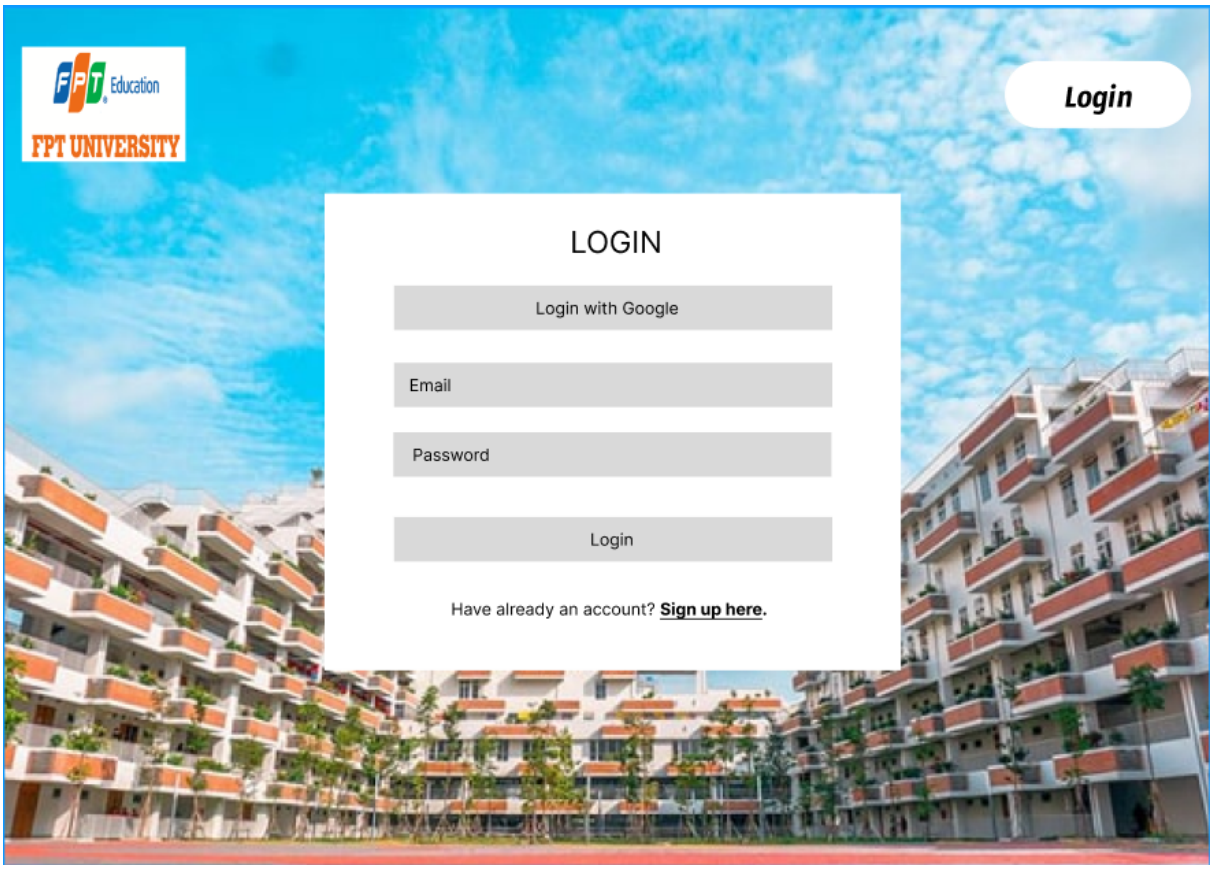
- User Profile: view & edit/update user profile.

II. Functional Requirements

1. Welcome Page

a. Login with Google accounts

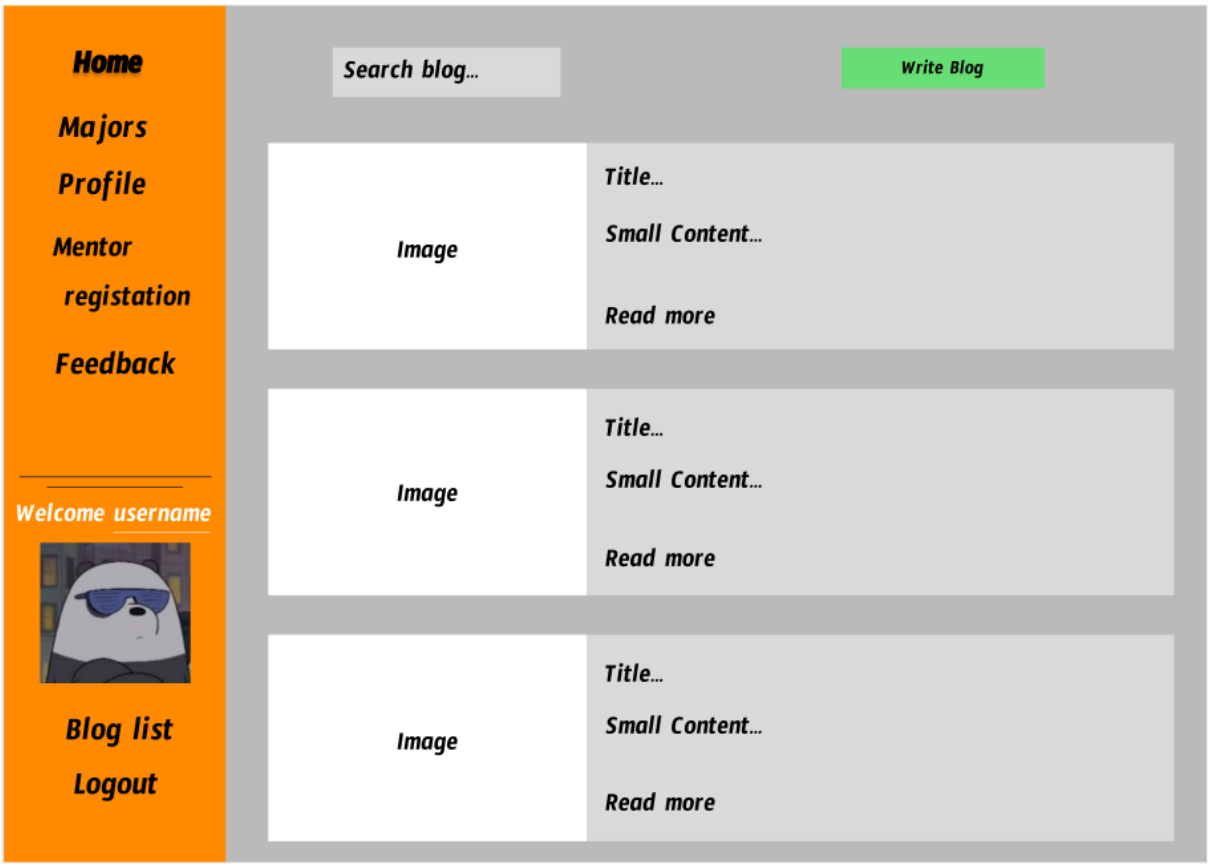
- Function trigger: when user provides correct information and clicks on login button.
- Function description:
    + Roles: include guests, students, mentors, and admin.
    + Purpose: confirm and authorise the user's information.
    + Data processing: process email and password of users.
- Function details: data that the user provides must be contained in the database. If the data is not suitable, the system will notify an error.



2. Home

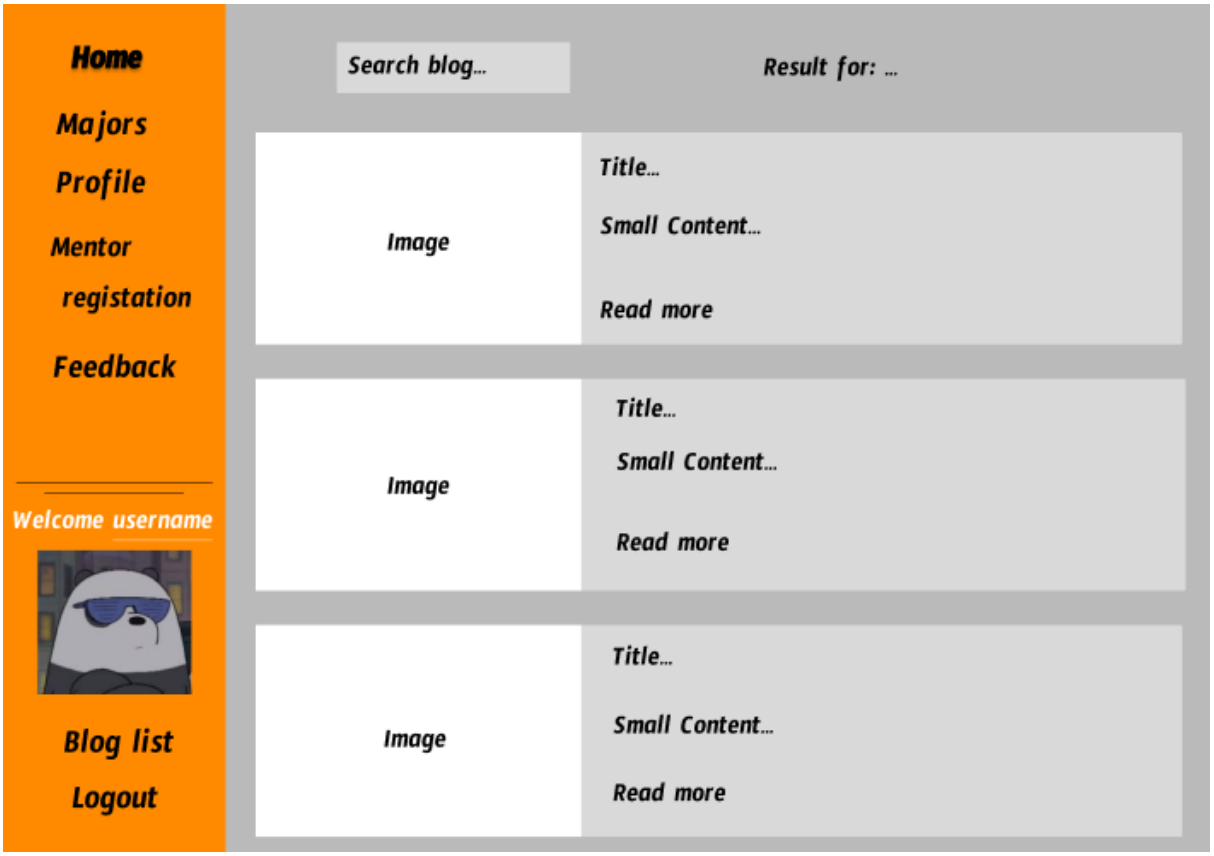
a. Search blogs by title

- Function trigger: when the user enters the title to search and clicks on the search button.
- Function description:
    + Roles: include students, mentors.
    + Purpose: Users can find blog posts quickly.
    + Data processing: process blog title
- Function details: the title of the blog is confirmed when there is data in the database and the system will display the blog post to find. When the title is not confirmed, the system will notify the blog post does not exist.



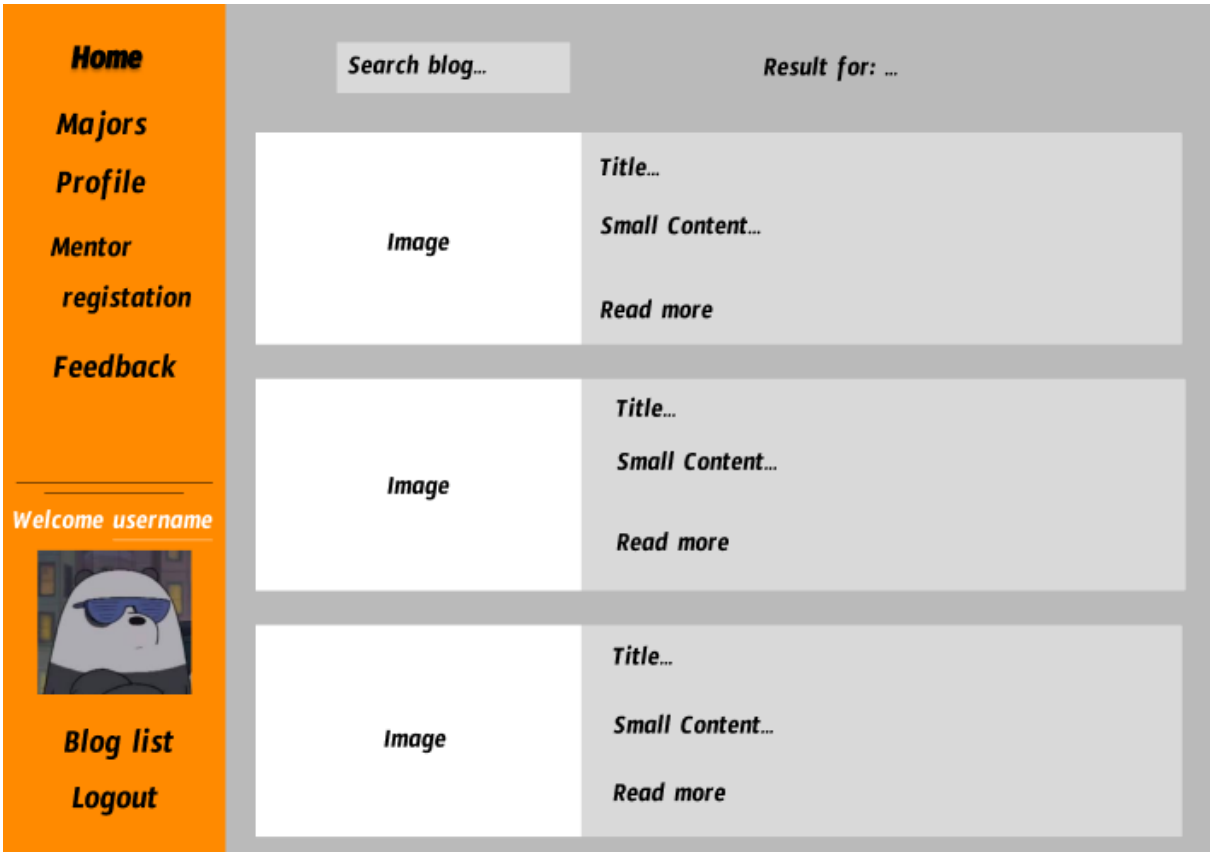
b. Search blogs by major

- Function trigger: when the admin clicks "Search" on the "Home" page.
- Function description:
    + Roles: Mentor and Student.
    + Purpose: Mentor and Student to search blog by major.
    + Data processing: Search for posts by major name.
- Function details: Search and display to the user a few articles related to the major the user is looking for. help users find articles quickly and effectively.



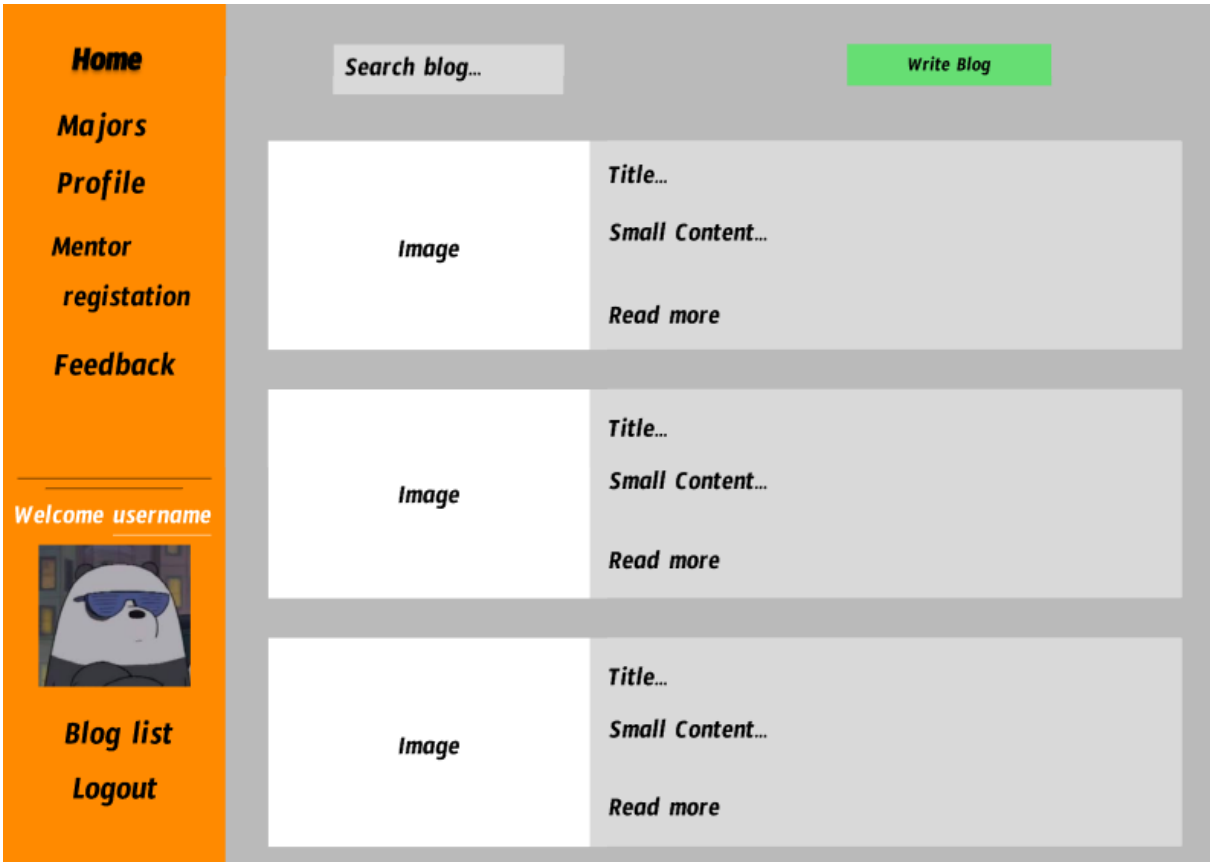
c. Search blogs by subject

- Function trigger: when the admin clicks "Search" on the "Home" page.
- Function description:
    + Roles: Mentor and Student.
    + Purpose: Mentor and Student to search blog by subject.
    + Data processing: Search for posts by subject name.
- Function details: Search and display to the user a few articles related to the subject the user is looking for. help users find articles quickly and effectively.



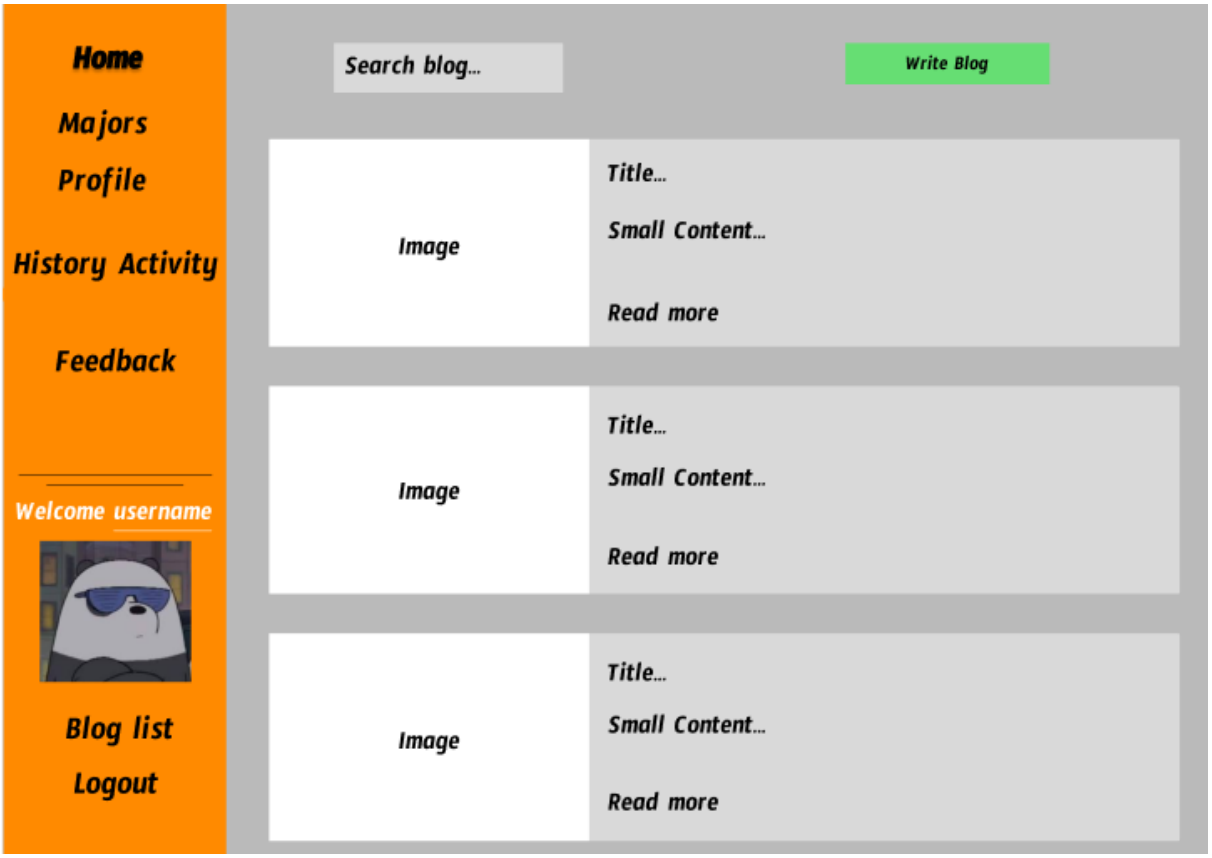
d. View all blogs

- Function trigger: when the user signs in to the Academic Blog website.
- Function description:
    + Roles: include students and mentors.
    + Purpose: display all blogs' information that is created by the students.
    + Data processing: create blogs' information that is provided by the students.
- Function details: the system will display all the blogs that are written by the students and are approved by the mentors, the user can click on a specific blog to view this blog details.



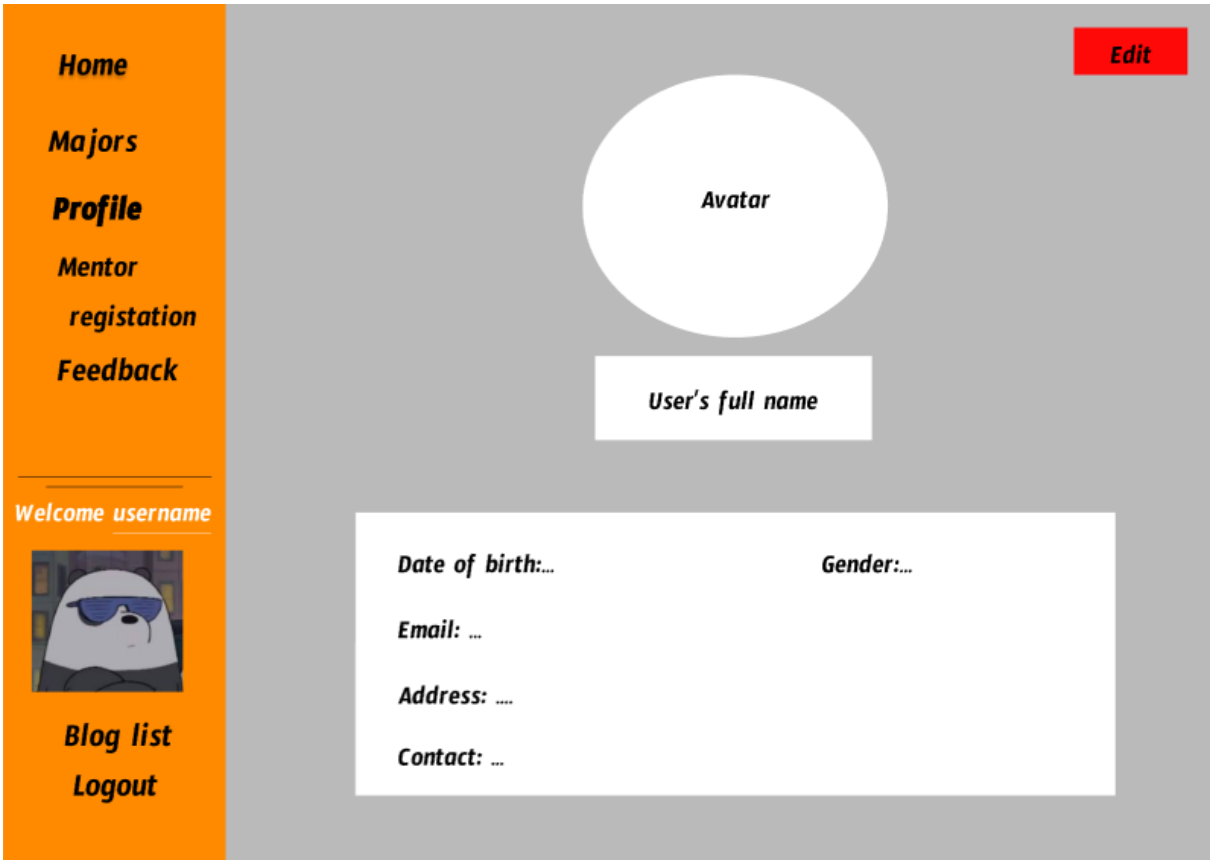
e. View personal page

- Function trigger: when the user signs in to the Academic Blog website and and goes to the personal page.
- Function description:
    + Roles: include students and mentors.
    + Purpose: Allows users to view the user's personal blog.
    + Data processing: View blogs' information, history activity , profile,.. that is provided by the students.
- Function details: The system will display all user information in the personal page.



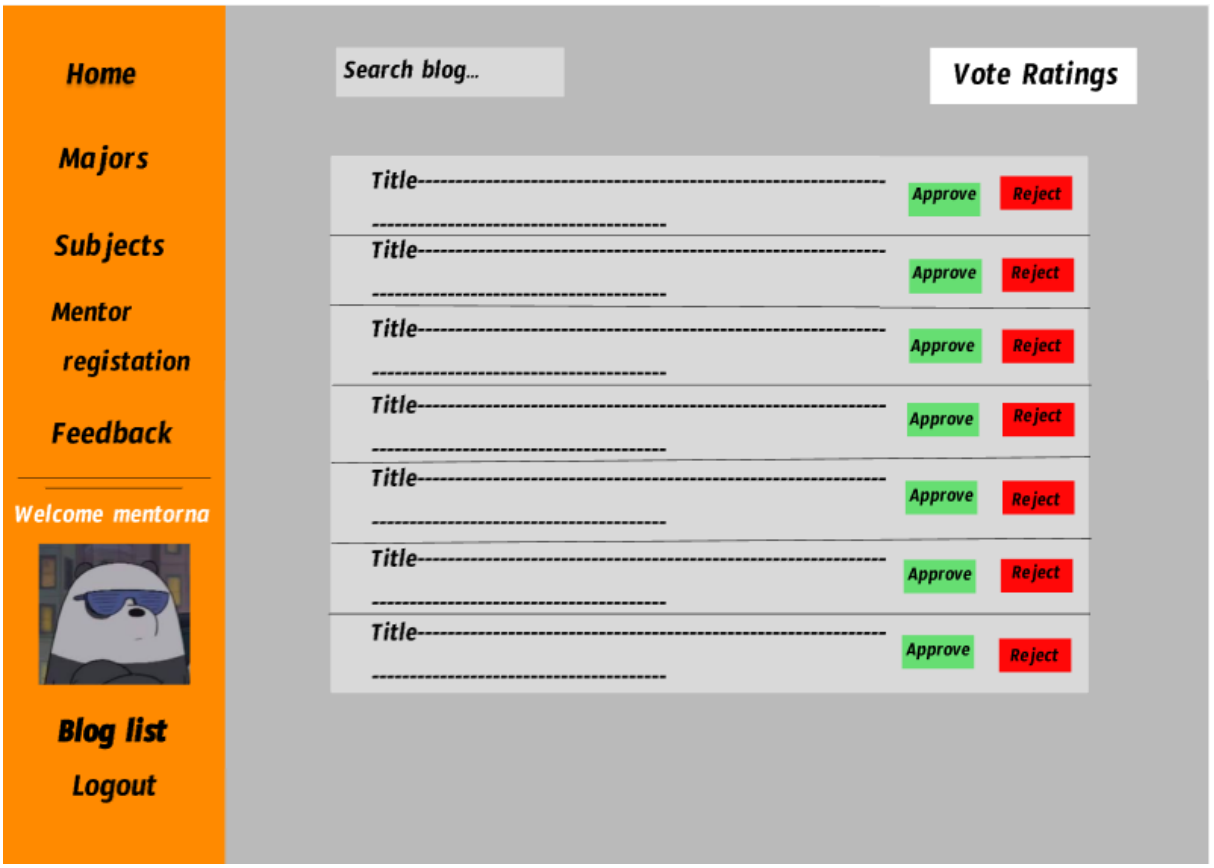
f. View Profile

- Function trigger: when the user clicks on their avatar or full name on the navigation bar.
- Function description:
    + Roles: include students and mentors.
    + Purpose: display the information of the user like full name, date of birth, etc.
    + Data processing: create user's information that the user provides for the system.
- Function details: the system will display all user information that is provided by the user, and the user can edit or update this information by clicking on the Edit button.



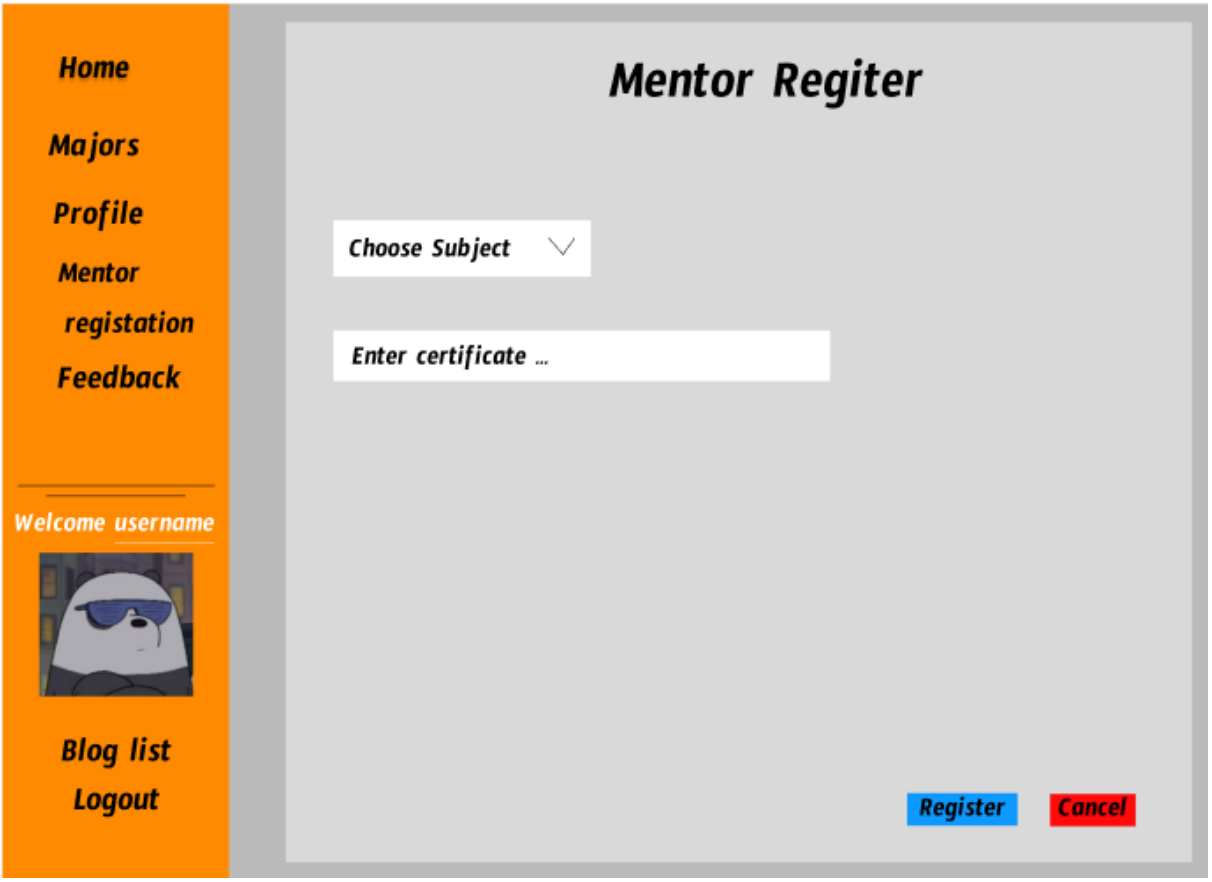
g. View approve blog list

- Function trigger: when the mentor clicks on the blog list option on the navigation bar.
- Function description:
    + Roles: include mentors.
    + Purpose: display all new blogs, that are written by students, need to be approved.
    + Data processing: create new blogs' information that is provided by students.
- Function details: the system will display all the blogs that are written by the students, and the mentors need to approve or reject these blogs to display on the home page screen.



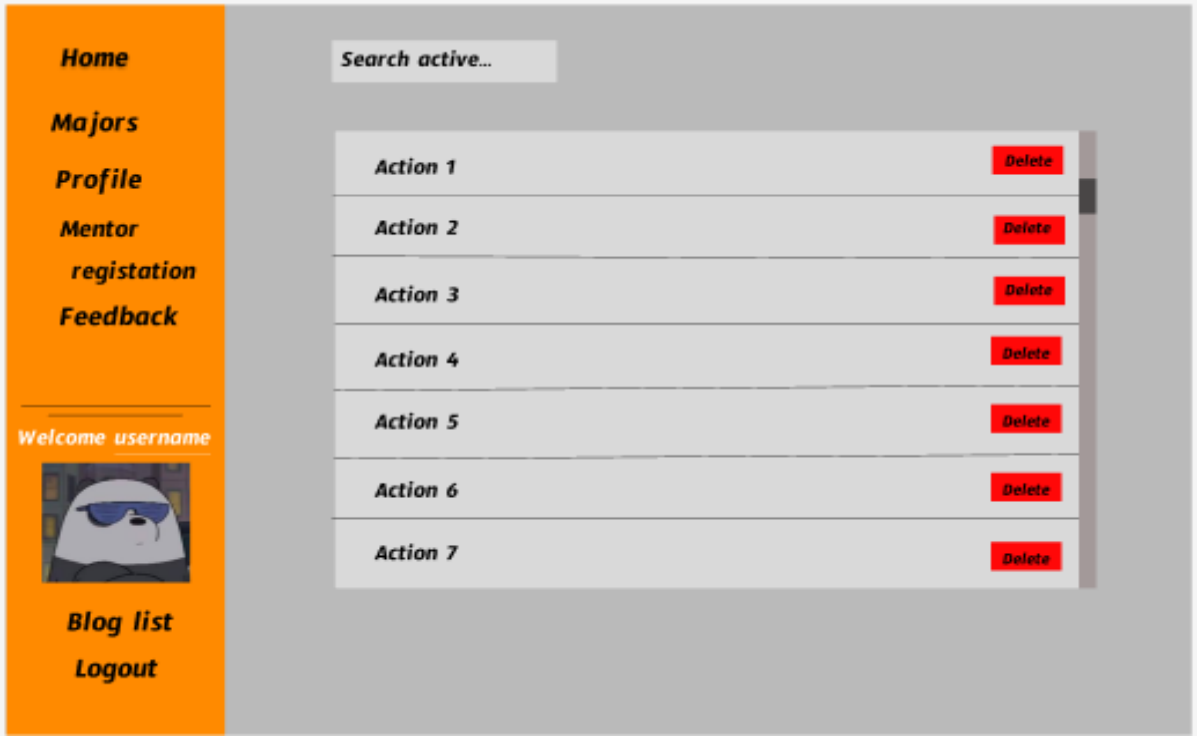
h. Mentor register

- Function trigger: when the student clicks to “Mentor registration” on the Navigation Bar.
- Function description:
  - + Roles: include students.
  - + Purpose: Allows students to register to become mentors.
  - + Data processing: Register to become the mentor of the student.
- Function details: The system will send the registration information to the admin and the admin will accept or reject the registration.



i. View history activity list

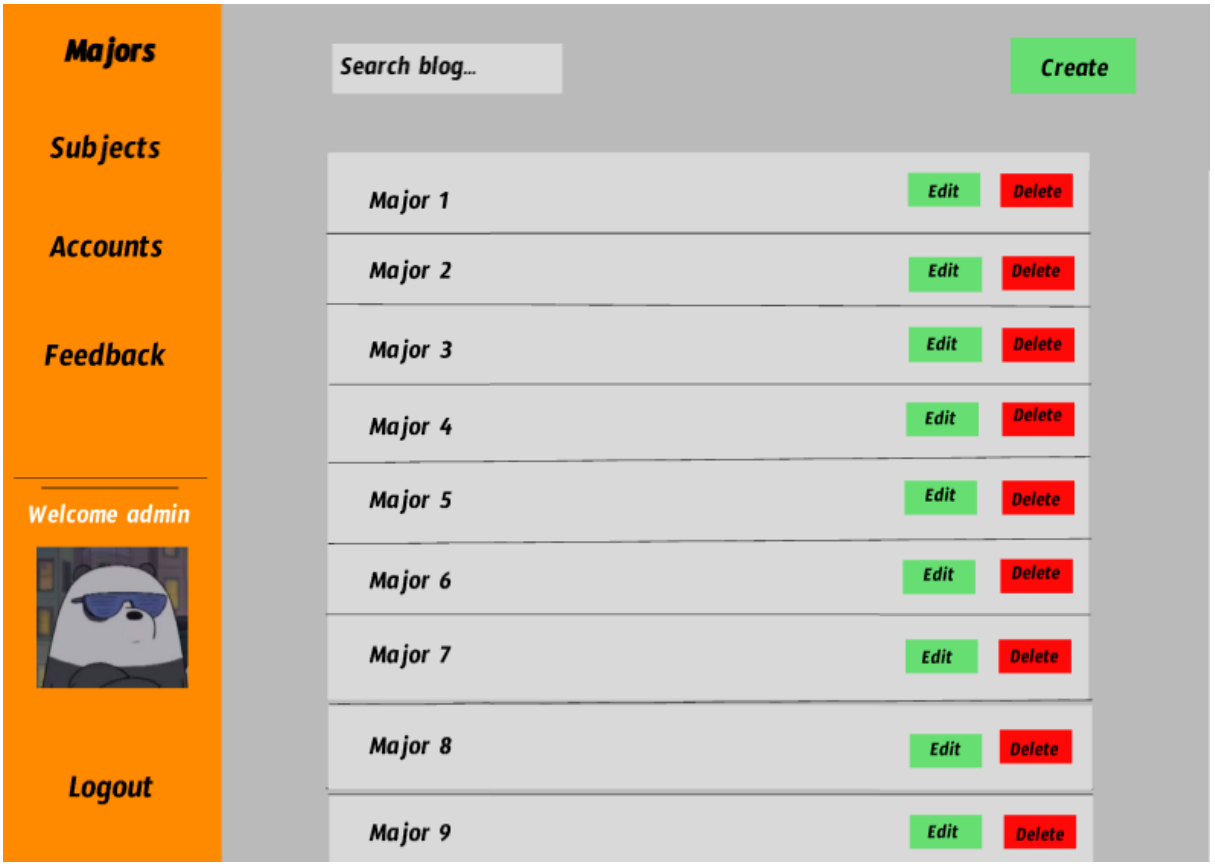
- Function trigger: when the user signs in to the Academic Blog website and and goes to the History activity in the personal page.
- Function description:
    + Roles: include students and mentors.
    + Purpose: Allows users to search user's activity.
    + Data processing: Search activity information that is provided by the students.
- Function details: The system will display all lists of the activity that students did when using the Academic For FPTU website.

- 

3. Admin Dashboard

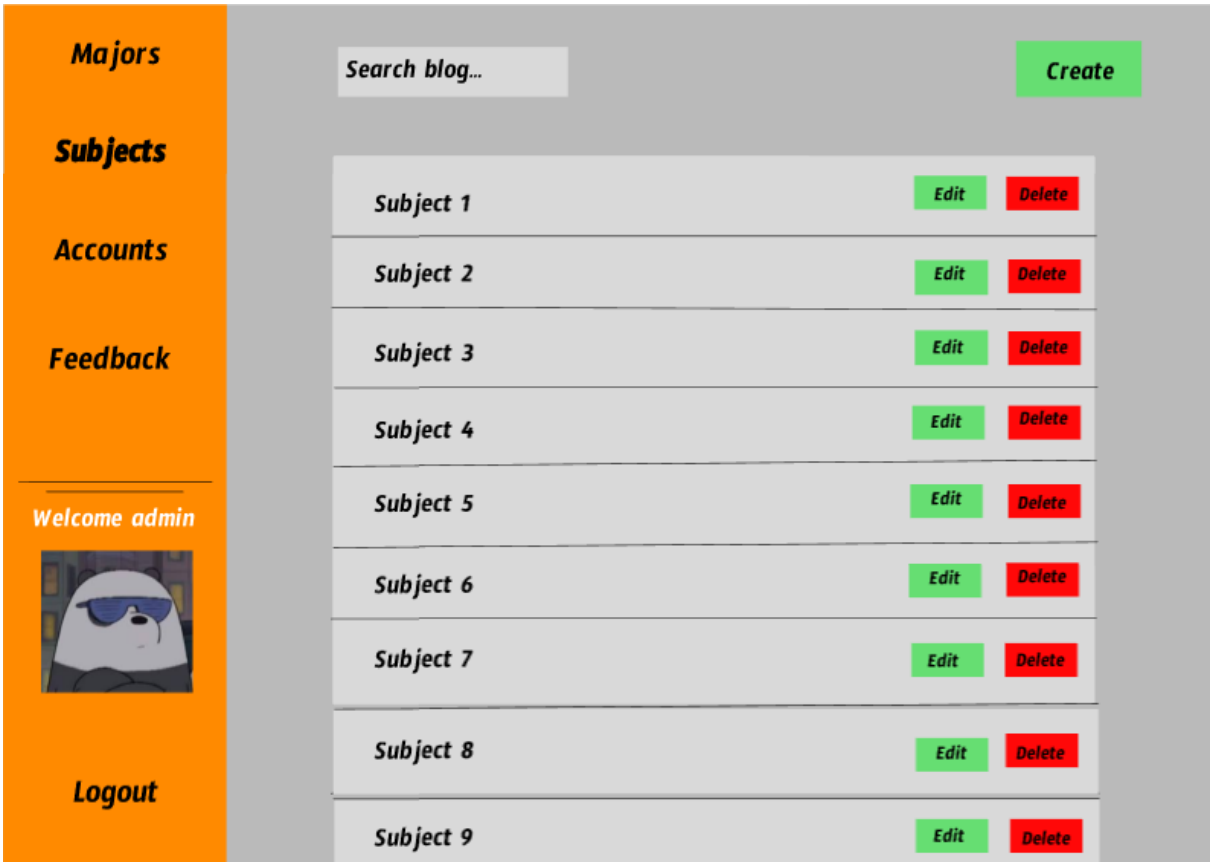
a. View major list

- Function trigger: when the admin clicks on the majors option that is displayed on the navigation bar.
- Function description:
    + Roles: include admins.
    + Purpose: display all major's names that are created by the admins.
    + Data processing: create major's names that are provided by the admins.
- Function details: the system will display all the names of the majors that are created by the admins, and the admins can delete or edit these majors or create a new one.



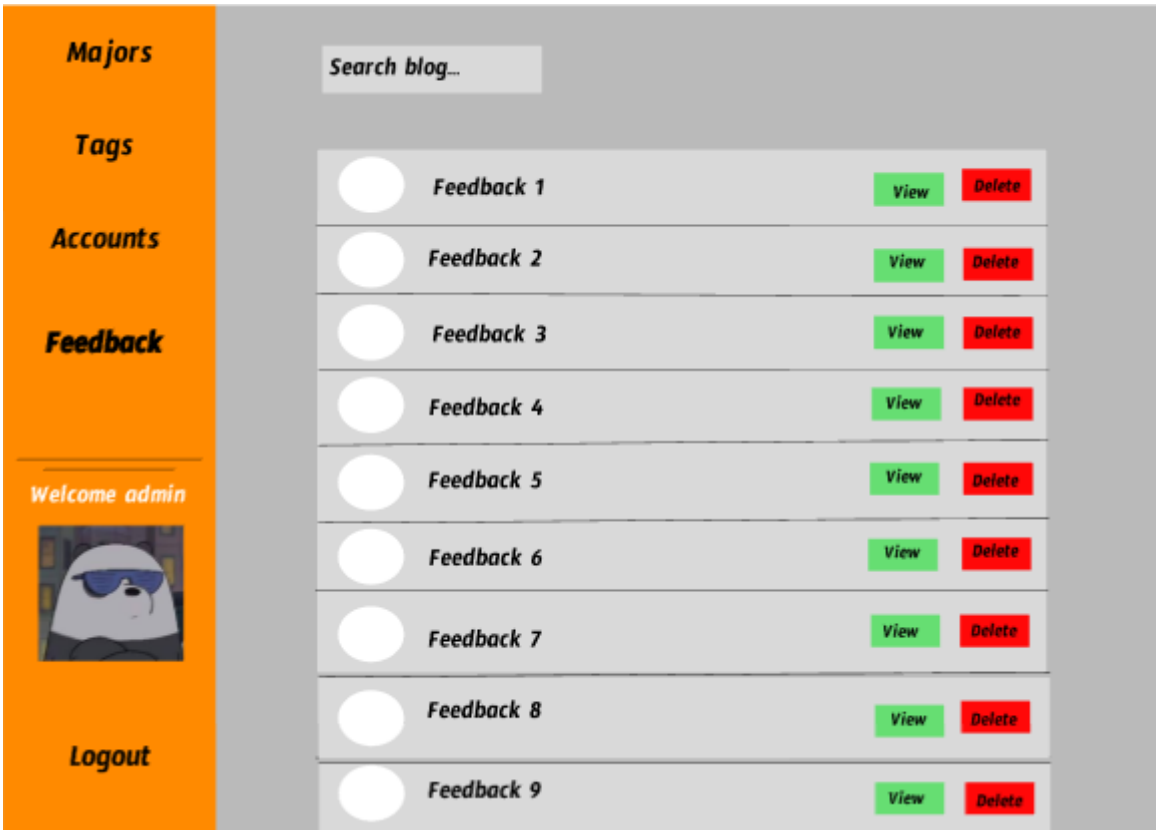
b. View subject list

- Function trigger: when the admin clicks on the subject's option that is displayed on the navigation bar.
- Function description:
    + Roles: include admins.
    + Purpose: display all subject’s names that are created by the admins.
    + Data processing: create subject’s names that are provided by the admins.
- Function details: the system will display all the names of the subjects that are created by the admins, and the admins can delete or edit these subjects or create a new one.



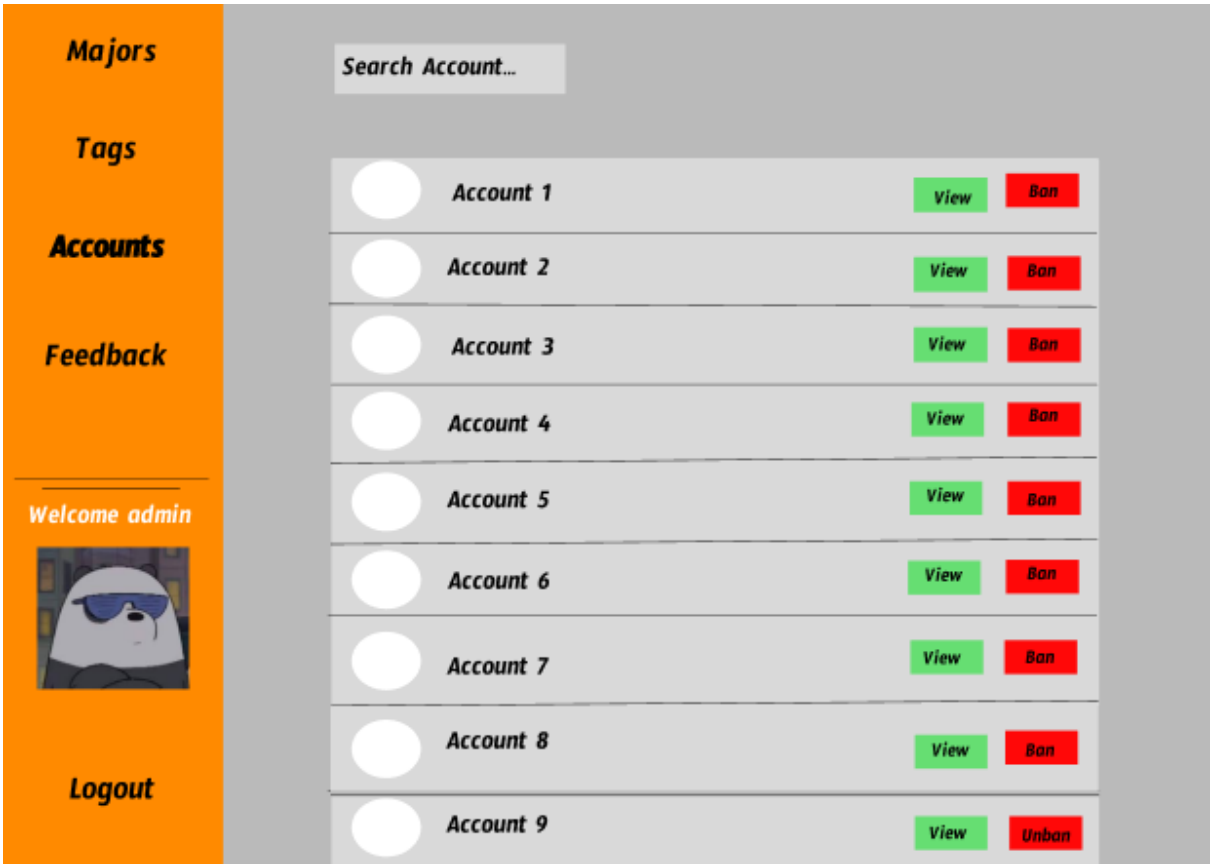
c. View feedback list

- Function trigger: when the user clicks on “Manage Feedback” on the admin dashboard.
- Function description:
  - + Roles: include admin.
  - + Purpose: view user’s feedback .
  - + Data processing: view user’s feedback that is provided by the user.
- Function details: the system will display all the information of the feedback list of users.



d. View account list

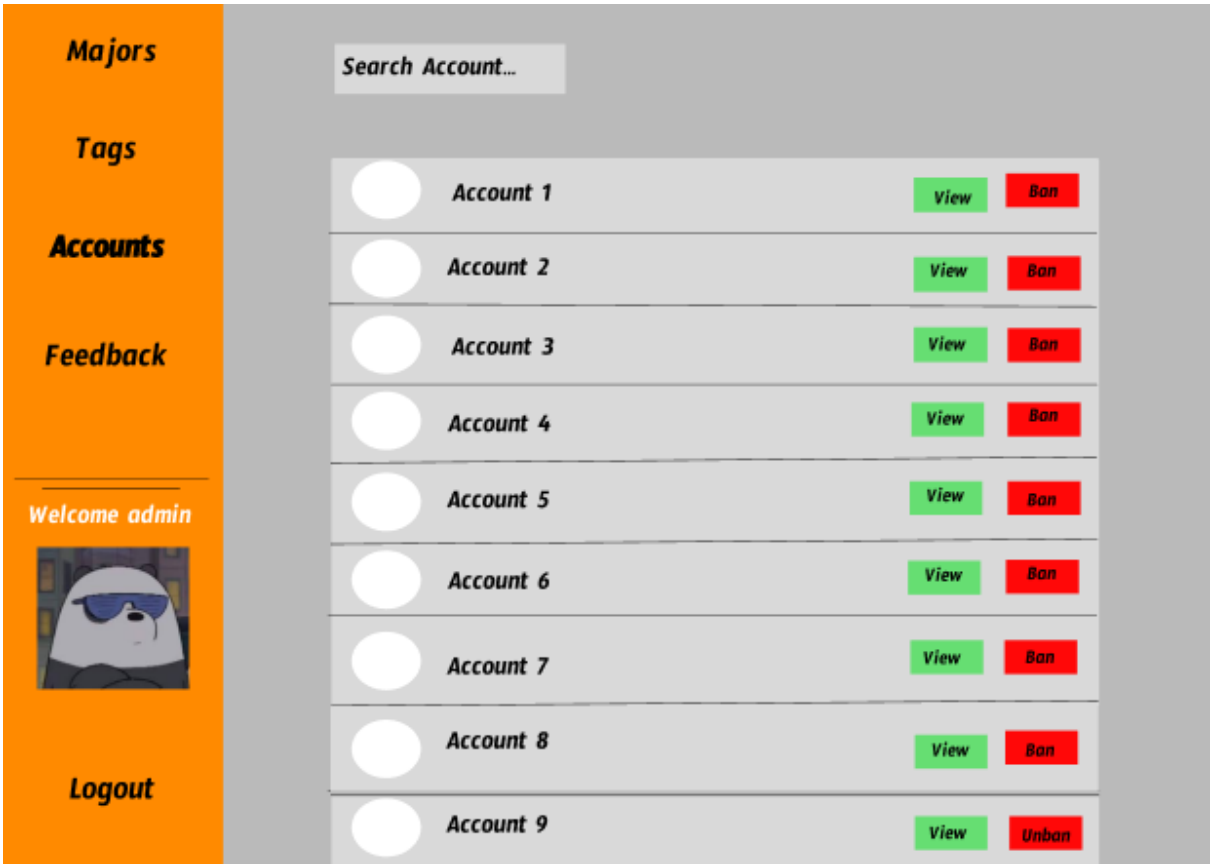
- Function trigger: when the admin clicks "Accounts" on the "Admin" page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to manage accounts.
    + Data processing: Create new subject and add to database
- Function details: The system allows admin to create new subjects. From there, admin can add subjects corresponding to the major that the admin has selected.



4. Manage account

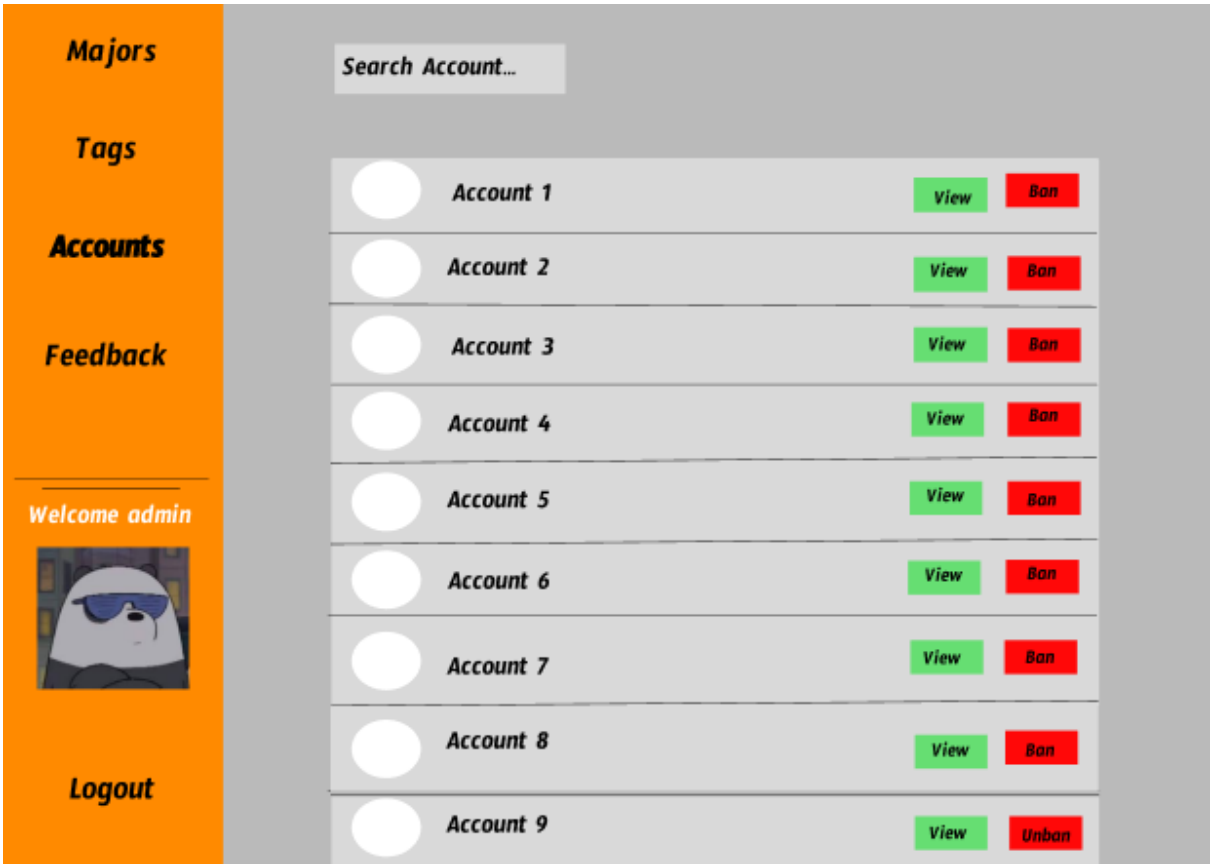
a. View account list

- Function trigger: when the admin clicks "Account" on the "Admin" page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to view and manage accounts.
    + Data processing: View the list of existing accounts in the system.
- Function details: The system shows the admin a list of accounts that exist in his system. to be able to manage those accounts.



b. Search account

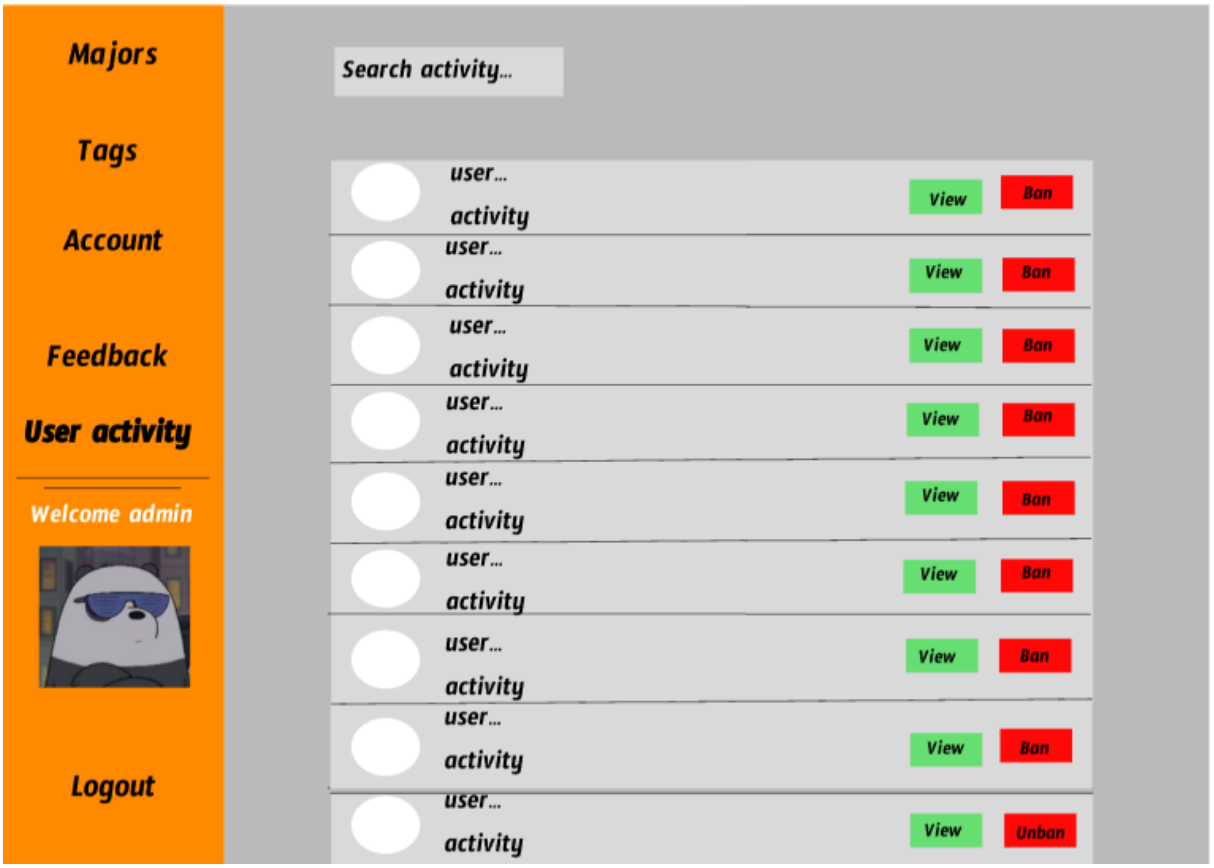
- Function trigger: when the admin clicks "Search Account" on the "Account" page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to search accounts.
    + Data processing: View the accounts in the system.
- Function details: The system shows the admin accounts that exist in his system. To be able to manage those accounts.



5. User details

a. Ban/Unban account

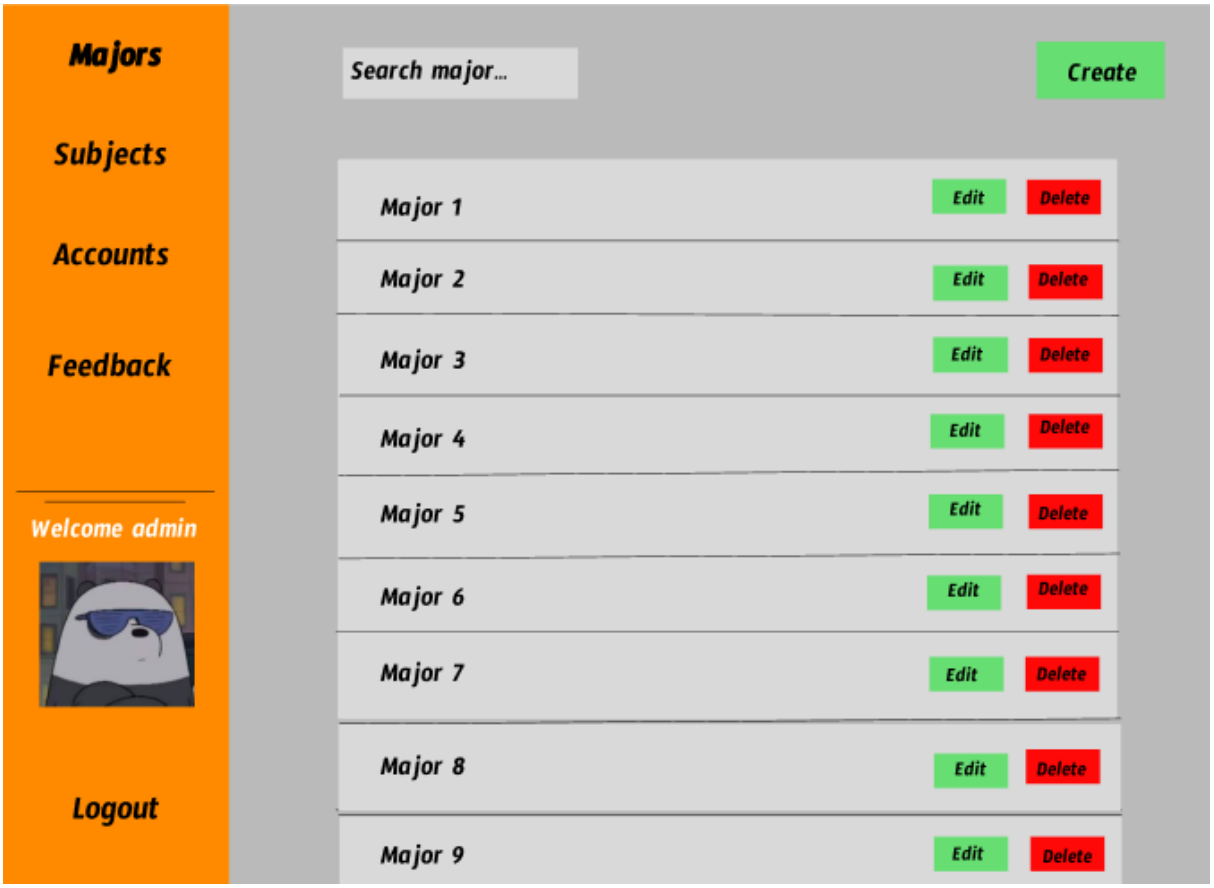
- Function trigger: when the admin clicks "Ban" or “UnBan” on the managed account page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to ban/unban a user.
    + Data processing: Ban/Unban user account.
- Function details: The system will set status for user accounts when admin manipulates ban or unban on account.



6. Major

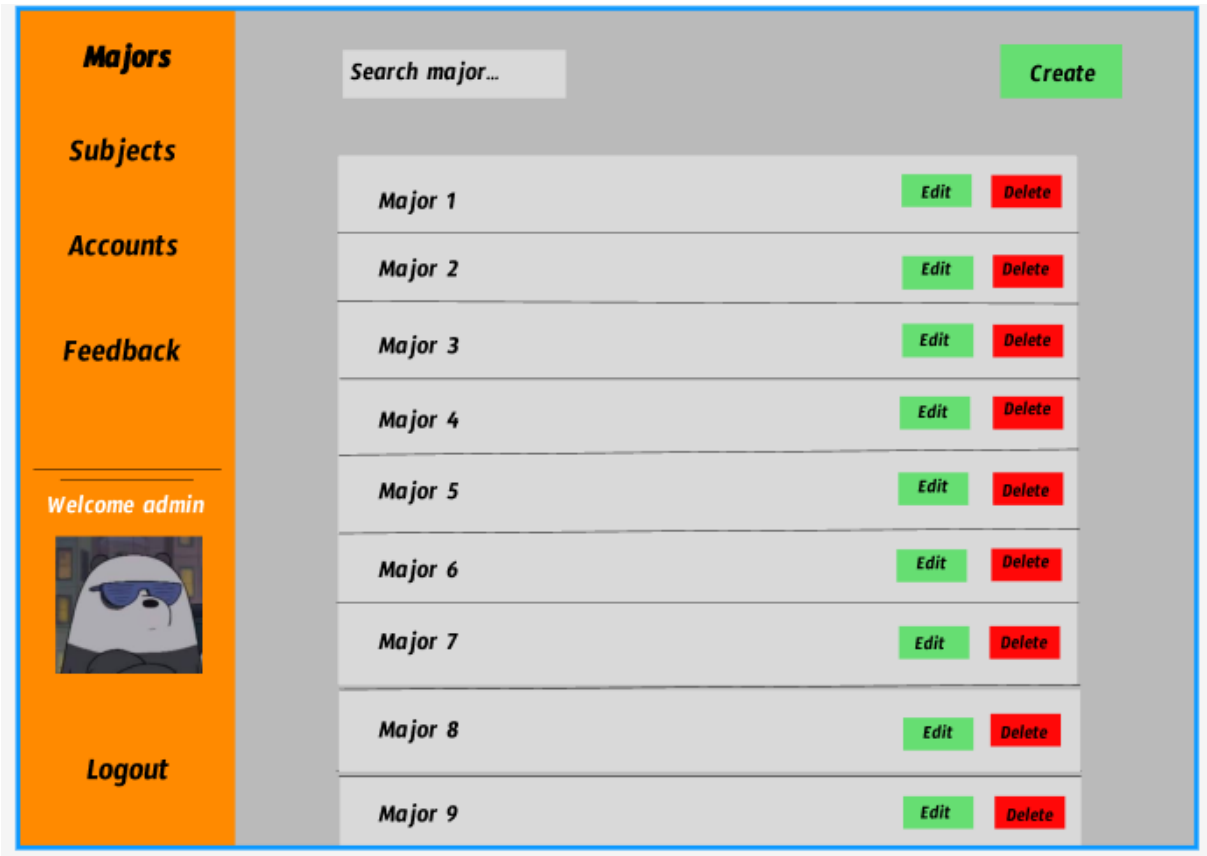
a. Create new major

- Function trigger: when the admin clicks "Create" on the "Major" page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to create a major.
    + Data processing: Create new major and add to database
- Function details: The system allows admin to create new majors. from which amine can add the necessary subjects for the user.



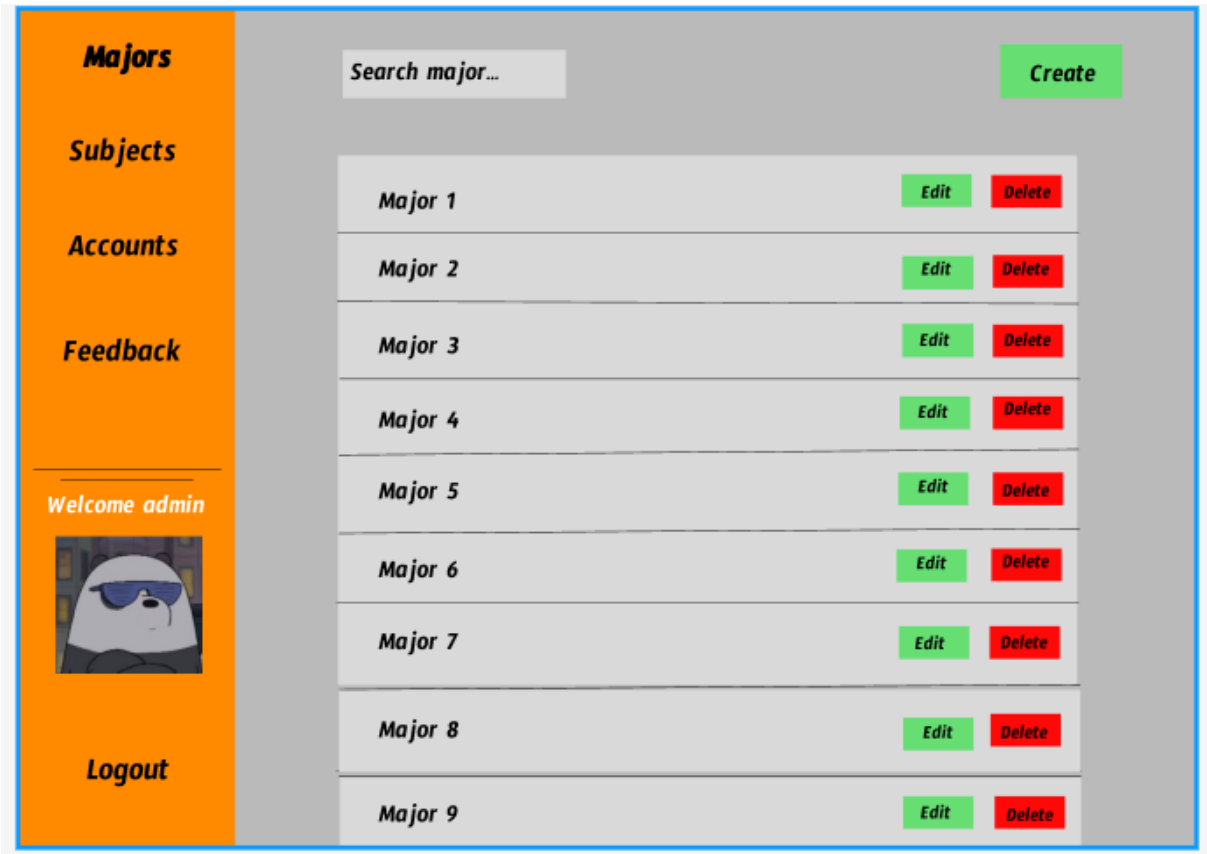
b. View subject of major list

- Function trigger: when the admin clicks the Delete button on the Manage Majors page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to delete a major.
    + Data processing: Updating status for the major is Deactivate.
- Function details: The system allows the admin to delete a major by updating the status of the major, is Deactivated, and then displays the major list again.



c. Search major

- Function trigger: when the admin clicks on “Major” on the Admin page.
- Function description:
    + Roles: Admin.
    + Purpose: view list of all Major .
    + Data processing: Search major information that is provided by the system.
- Function details: the system will display all the information of major and Admin can add , edit or Delete major



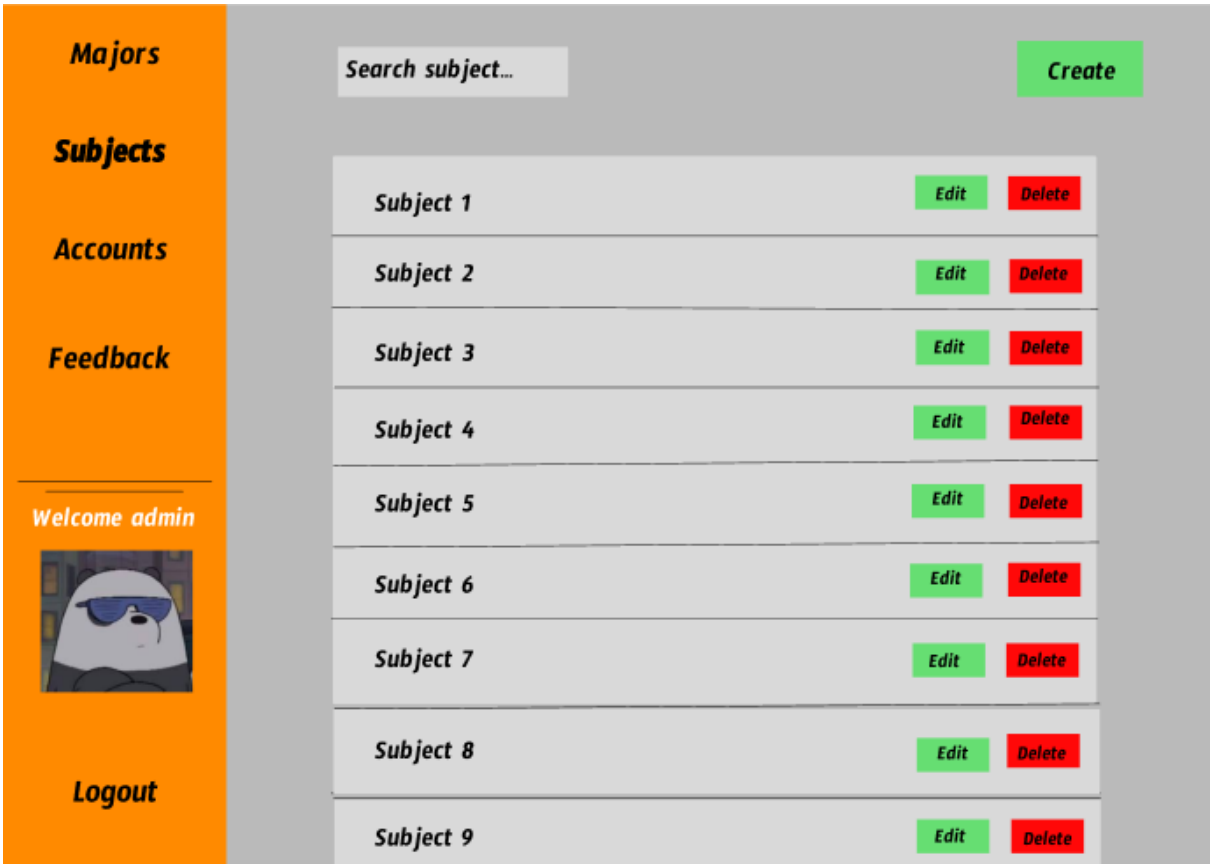
d. Delete major

- Function trigger: when the admin clicks the Delete button on the Manage Majors page.
- Function description:
  - + Roles: admin.
  - + Purpose: Allows admin to delete a major.
  - + Data processing: Updating status for the major is Deactivate.
- Function details: The system allows the admin to delete a major by updating the status of the major, is Deactivated, and then displays the major list again.

7. Subject

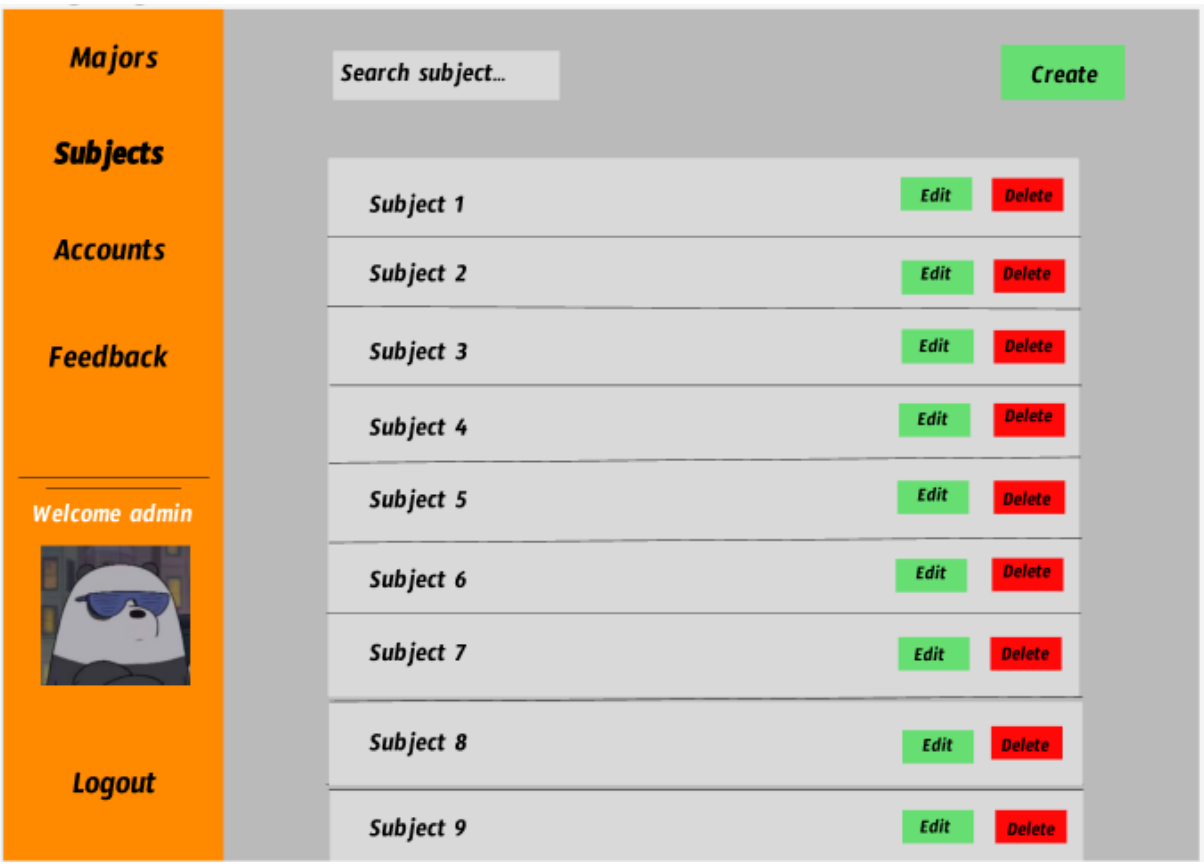
a. Create new subject

- Function trigger: when the admin clicks "Create" on the "Subject" page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to create a subject.
    + Data processing: Create new subject and add to database
- Function details: The system allows admin to create new subjects. From there, admin can add subjects corresponding to the major that the admin has selected.



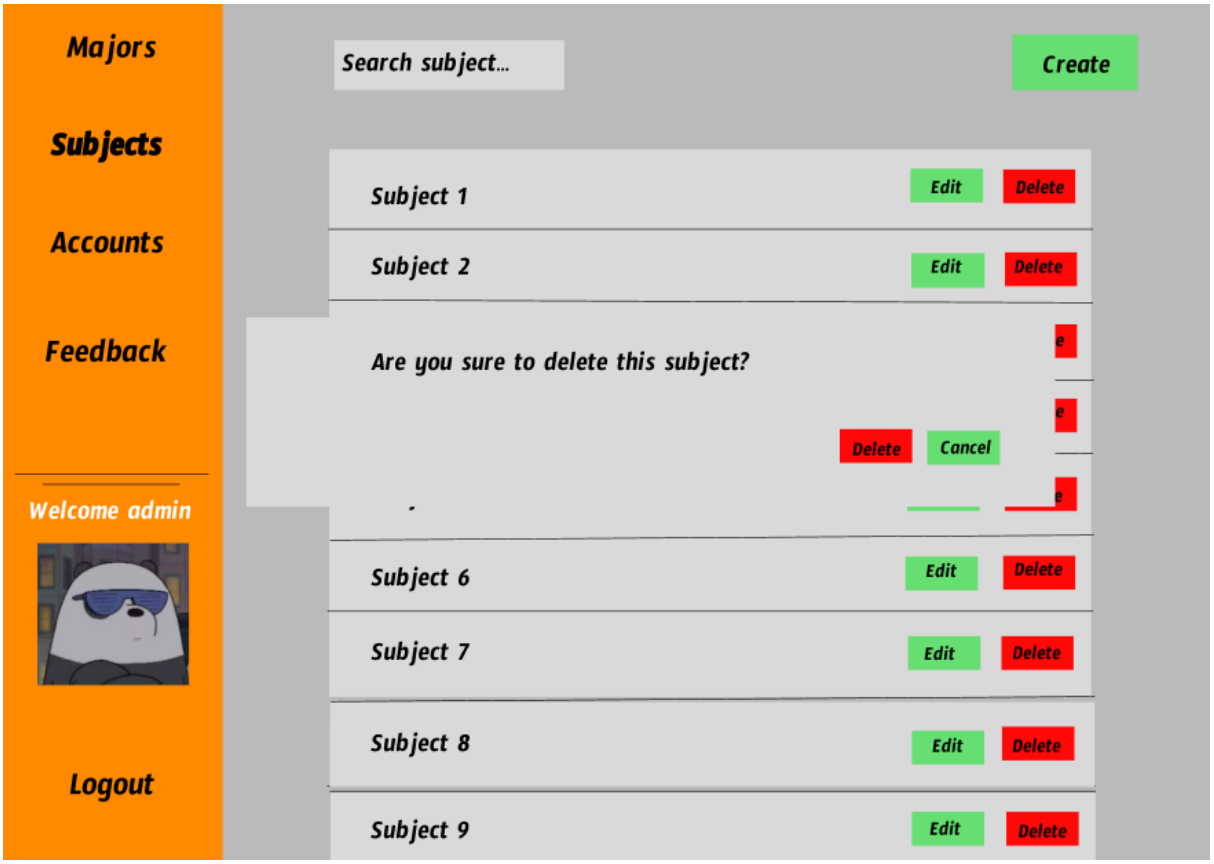
b. Search subject

- Function trigger: when the admin clicks on “Subject” on the Admin page.
- Function description:
    + Roles: Admin.
    + Purpose: view list of all subjects.
    + Data processing: Search subject information that is provided by the system.
- Function details: the system will display all the information of subject and Admin can add , edit or Delete subject



c. Delete subject

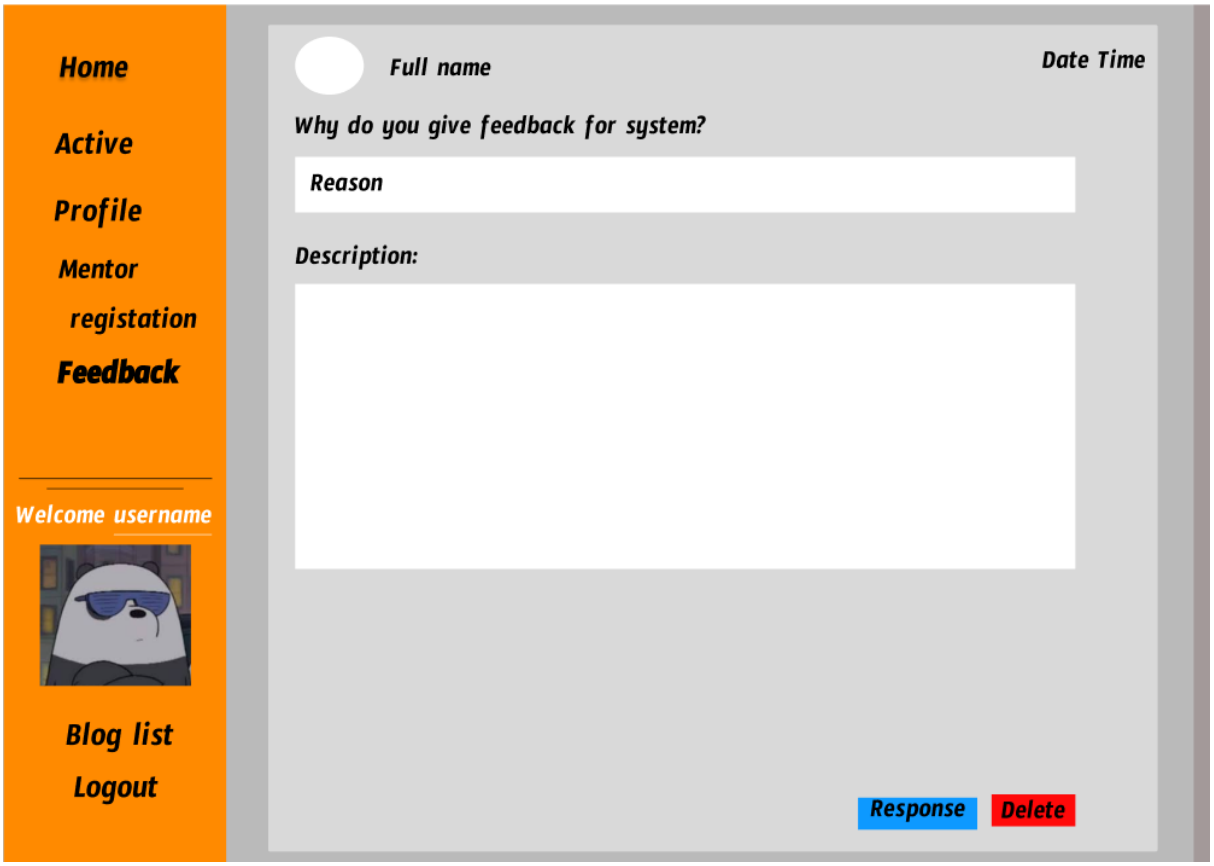
- Function trigger: when the admin clicks the Delete button on the Manage Subjects page.
- Function description:
    + Roles: admin.
    + Purpose: Allows admin to delete a subject.
    + Data processing: Updating status for the subject is Deactivate.
- Function details: The system allows the admin to delete a subject by updating the status of the subject is Deactivated, and then displays the subject list again.



8. Feedback Details

8.1. View feedback details

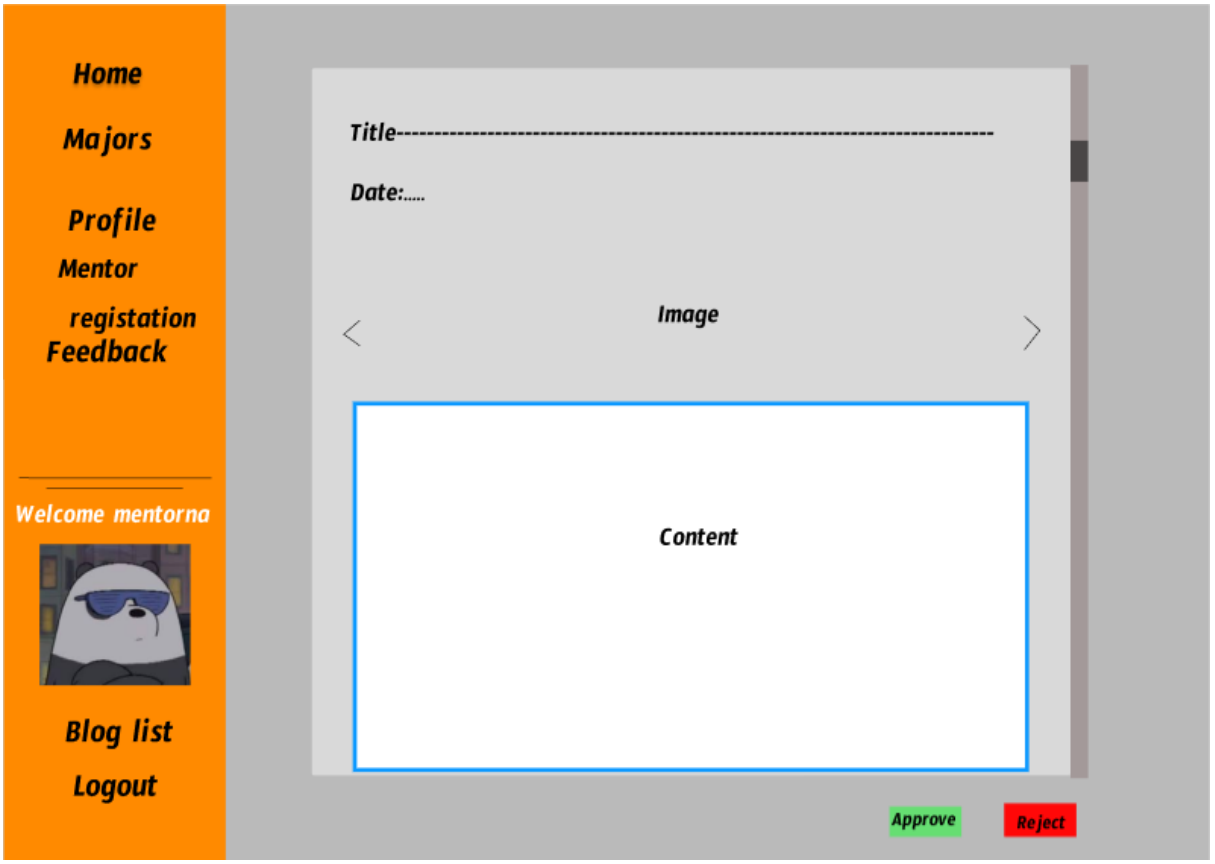
- Function trigger: when the mentor clicks on a title feedback in the feedback list.
- Function description:
    + Roles: include admin.
    + Purpose: view detail of the feedback.
    + Data processing: load the data of the feedback and display it on the system
- Function details: the system will display detail của feedback bao gồm tên author và nội dung của feedback.



9. Mentor blog list

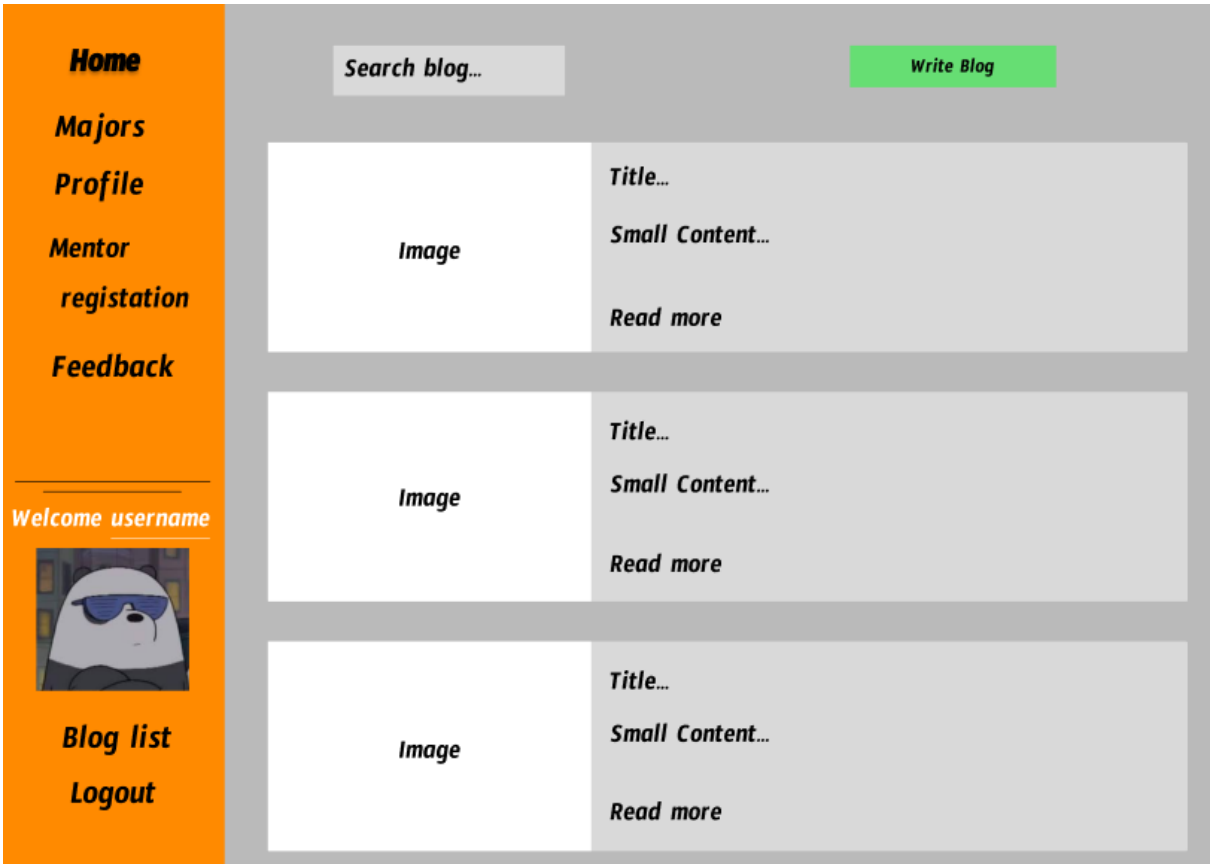
9.1. View approve blog details

- Function trigger: when the mentor clicks on a specific blog that needs to be approved.
- Function description:
    + Roles: include mentors.
    + Purpose: display all new blog's information, that is written by a specific student, needs to be approved.
    + Data processing: create blog's information that is provided by students.
- Function details: the system will display all the information of a specific blog that is written by a student, and the mentors need to approve or reject this blog to display on the home page screen.



9.2. Logout

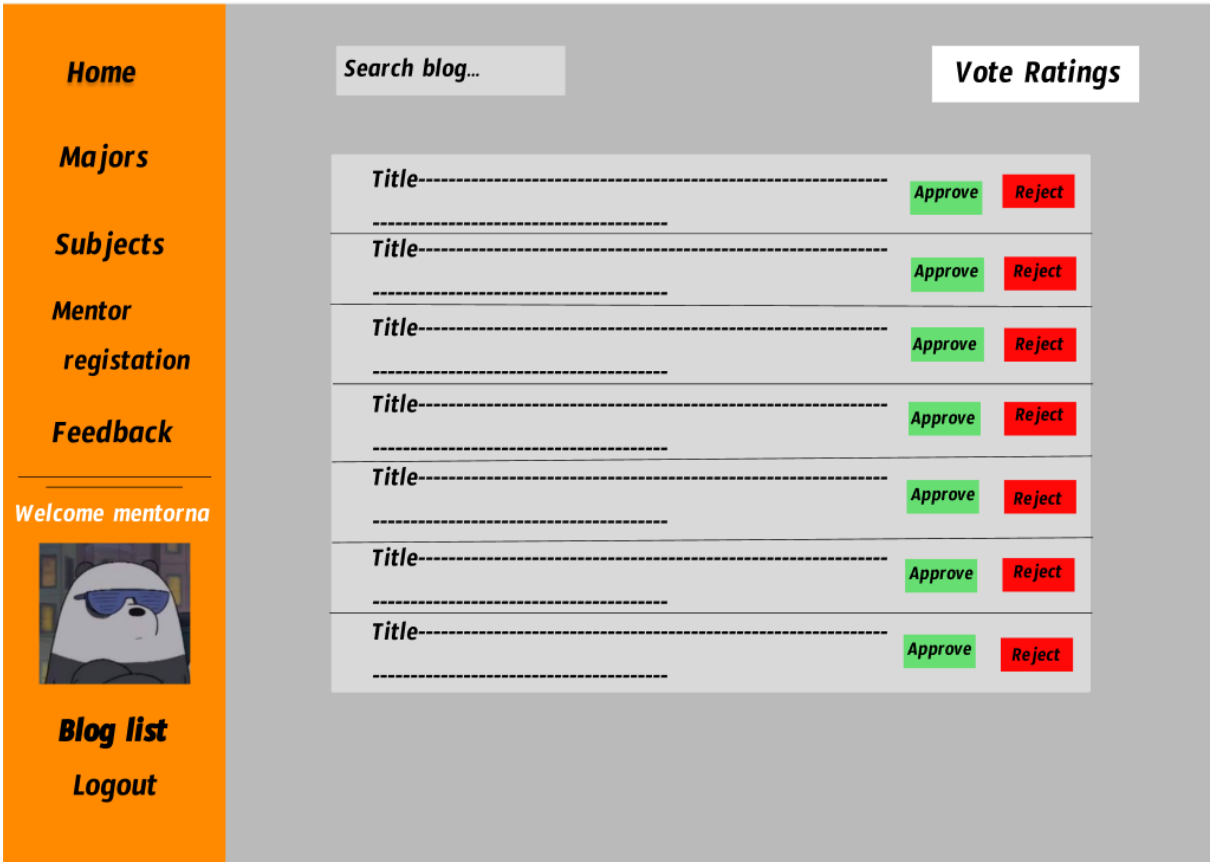
- Function trigger: when the user clicks on “Logout” gender under avatar.
- Function description:
    + Roles: All users
    + Purpose: All users to Logout
    + Data processing: User logout from the system.
- Function details: User can log out his account. to continue working or log in with another account.



10. Approve blog details

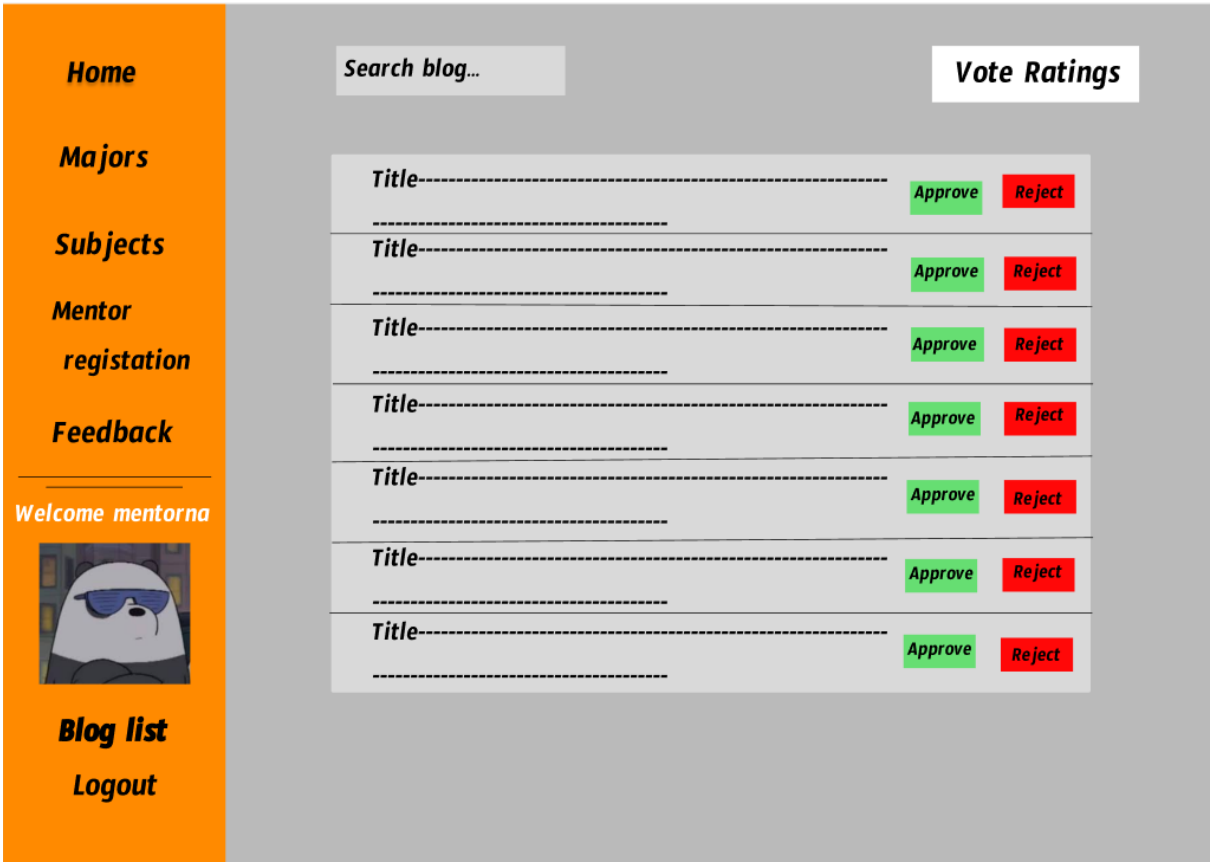
10.1. Approve blog

- Function trigger: when the user clicks on the Approve button.
- Function description:
    + Roles: include mentors.
    + Purpose: mentor moderates blog posts already posted by students.
    + Data processing: change status of status from waiting to approved.
- Function details: Blog posts posted by students will have a subject and that subject's mentor will have the right to approve.



10.2. Reject blog

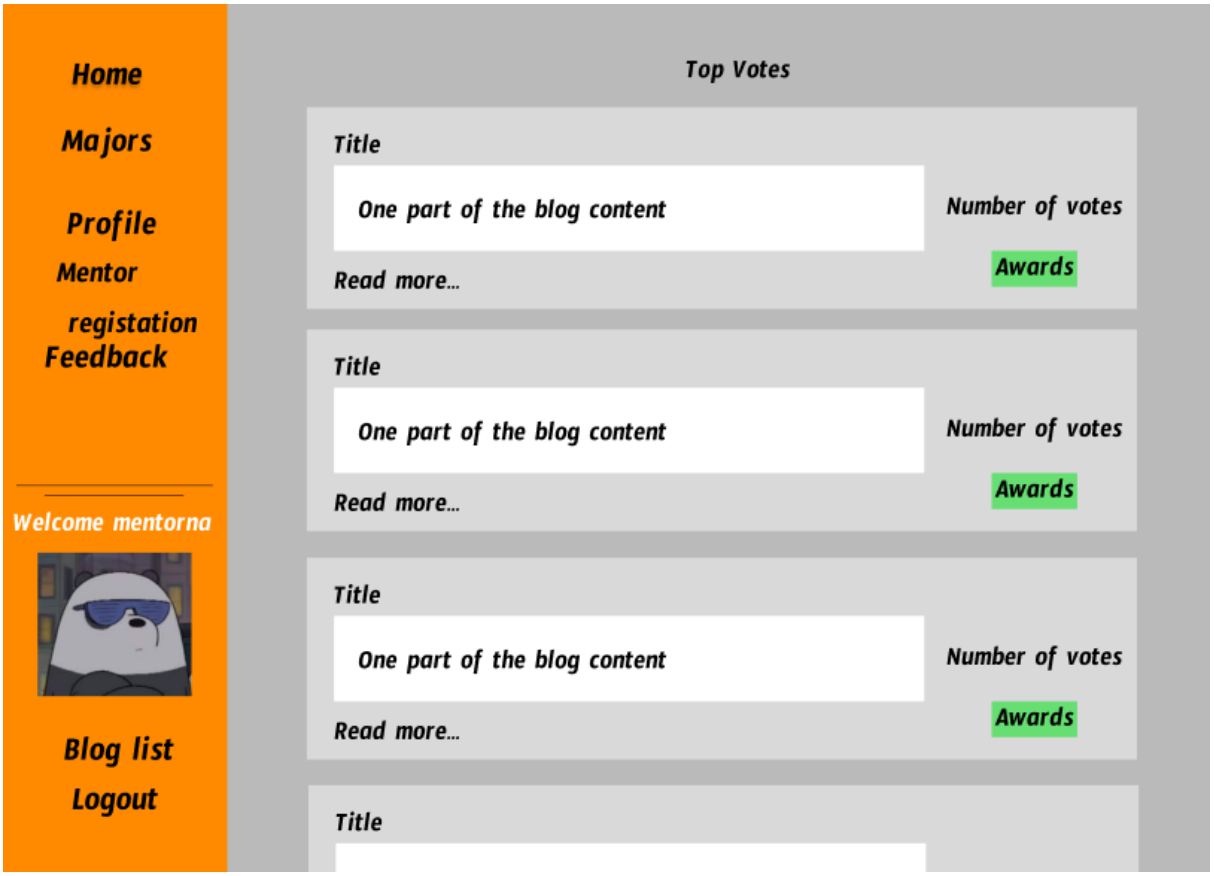
- Function trigger: when the user clicks on the Reject button.
- Function description:
    + Roles: include mentors.
    + Purpose: mentor moderates blog posts already posted by students.
    + Data processing: change status of status from waiting to rejected.
- Function details: Blog posts posted by students will have a subject and that subject's mentor will have the right to approve.



11. Vote ratings

11.1. View vote list

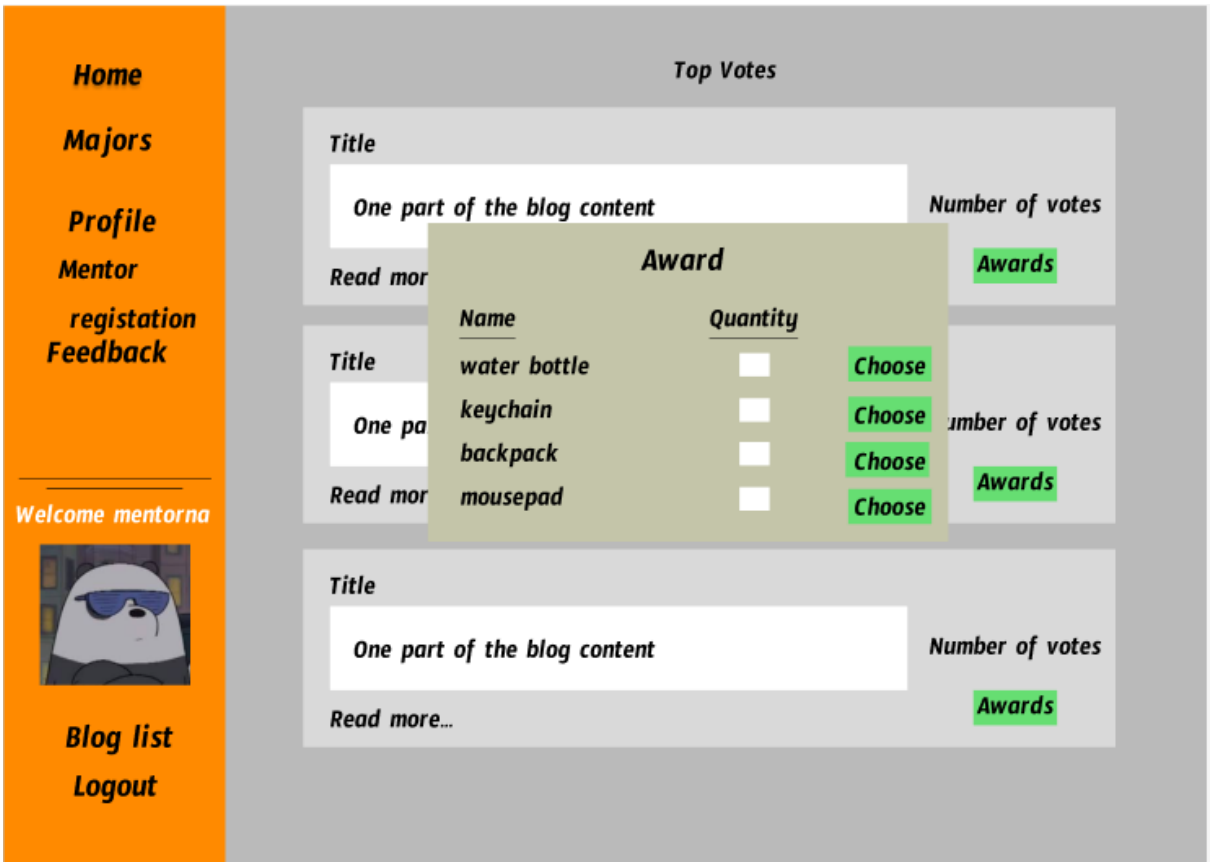
- Function trigger: when the mentor clicks on a vote rating on the home page.
- Function description:
    + Roles: include mentors.
    + Purpose: Allows mentor to top vote list
    + Data processing: See the top posts with the highest number of votes to be able to proceed to the next step.
- Function details: The system shows the mentor a list of articles sorted in order from high to low.



11.2. Choose award

- Function trigger: when the mentor clicks Awards button.
- Function description:
    + Roles: mentor.
    + Purpose: Mentor choose gifts for students whose blog posts get top votes.
    + Data processing: select award and quantity.

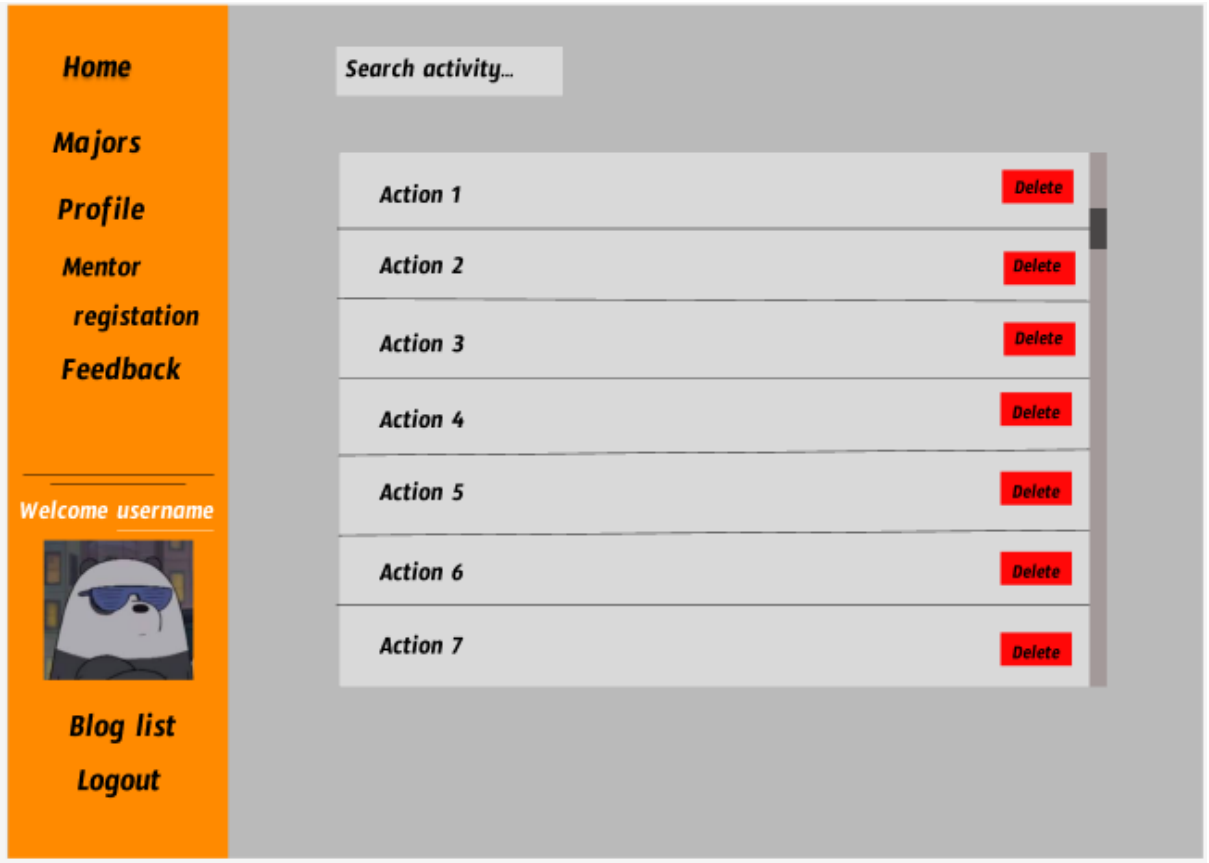
  Function details: The system will display a pop-up window with a list of gifts and an advisor to choose a gift for the student of the most voted blog post.



12. History activity

12.1. Search activity

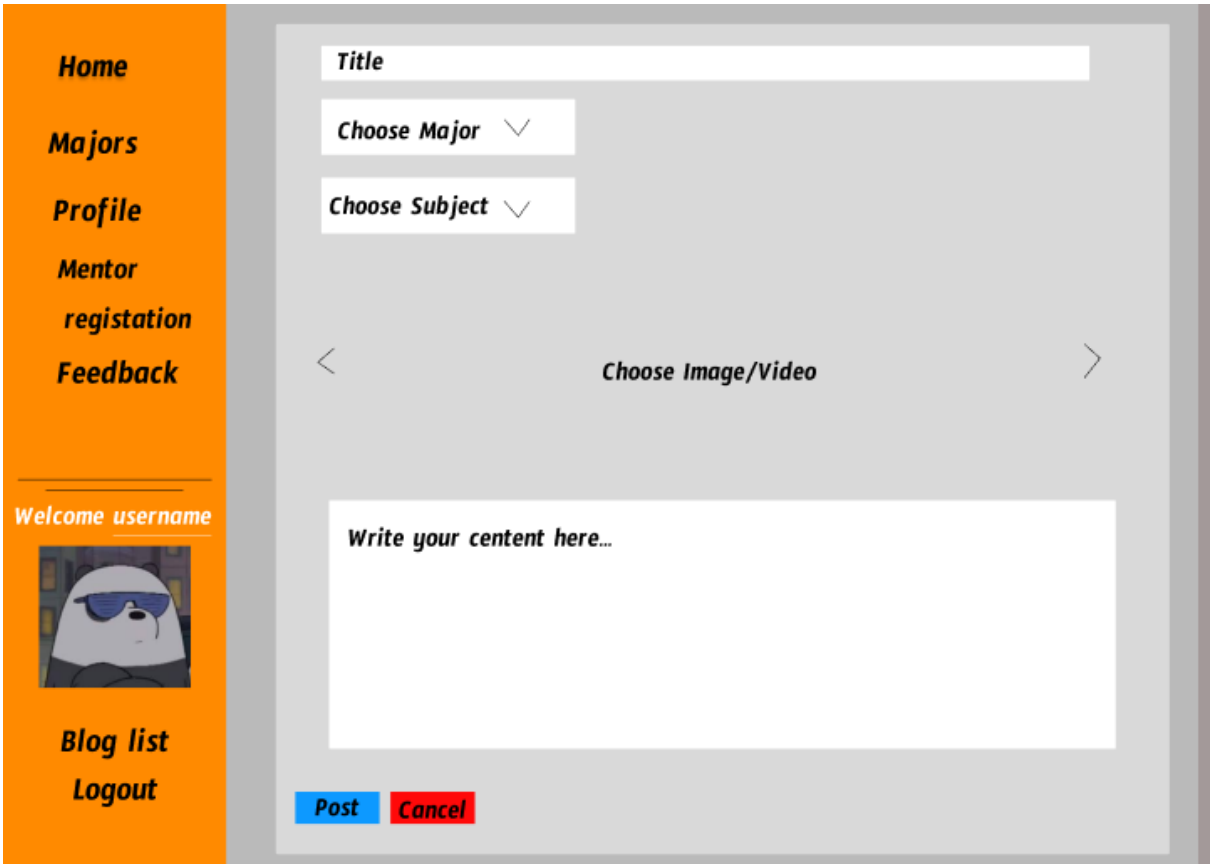
- Function trigger: when user clicks "Search" on the "History Activity" page.
- Function description:
  - + Roles: Mentor and Student.
  - + Purpose: Allow users to review their activity history.
  - + Data processing: Search for activity by activity name.
- Function details: Search and display the activity history of that user from which the desired activity history can be seen.



13. Write Blog

13.1. Post blog

- Function trigger: when the user clicks on a new blog on the home page.
- Function description:
  - + Roles: include students and mentors.
  - + Purpose: Allows users to user's blog posts.
  - + Data processing: Share learning material experiences.
- Function details: The system allows the user to enter the title, select the subject that the user wants to post, select an image, write their own share. You can choose to post or cancel.



14. Student blog list

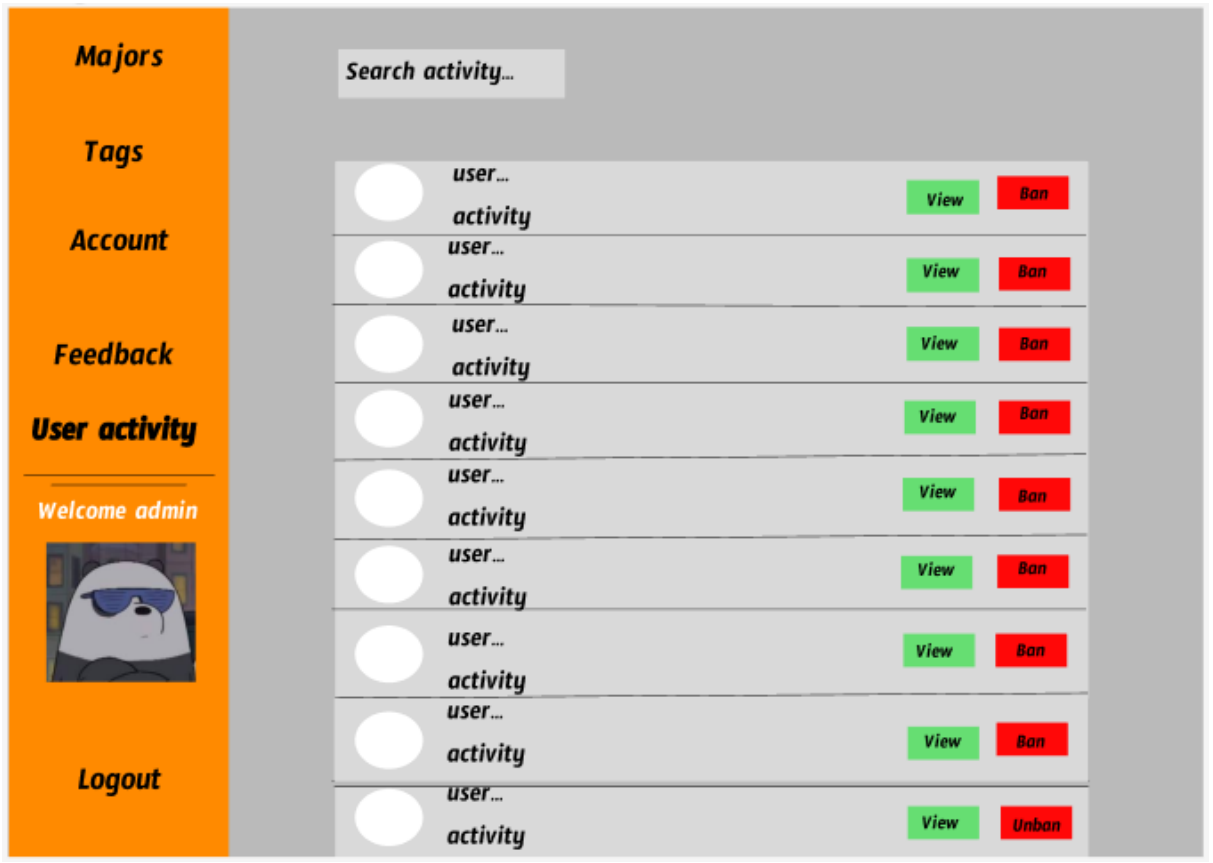
14.1. View blog details

- Function trigger: when the user clicks on “Title of blog” on the Home page.
- Function description:
  - + Roles: include student and mentor.
  - + Purpose: view blog details.
  - + Data processing: load the data of the blog post with the status "approved" and display it on the system.
- Function details: The system will display all the information of the approved blog.

14.2. View history activities

- Function trigger: when the admin clicks on “User activity” on the Admin page.
- Function description:
  - + Roles: Admin.
  - + Purpose: view all user activities .
  - + Data processing: View user activities information that is provided by the system.

- Function details: the system will display all the information of user activities



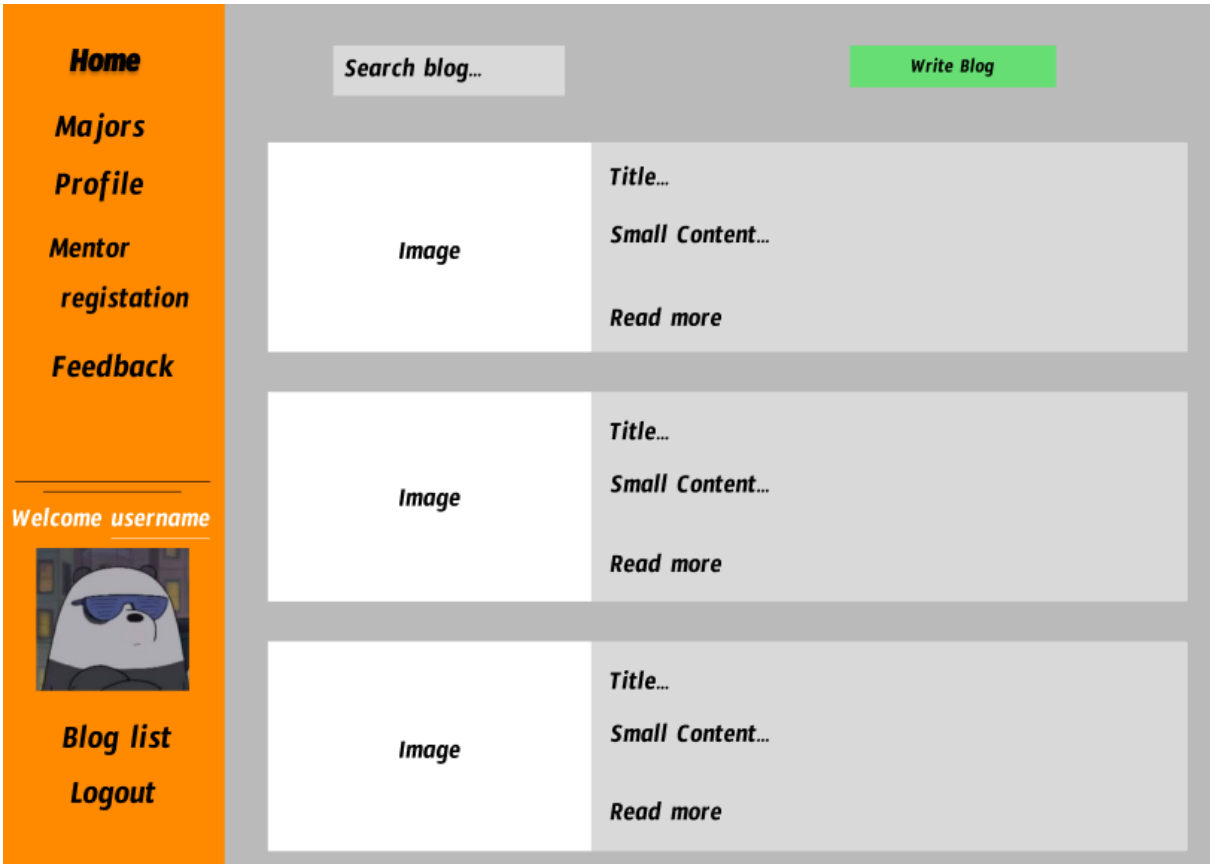
14.3. View profile

- Function trigger: when the admin clicks "Profile" on the Navigation bar.
- Function description:
  - + Roles: Mentor and Student.
  - + Purpose: Mentor and Student to view profile.
  - + Data processing: Users can view their profile with their personal information.

- Function details: The system allows users to view their personal information.

14.4. Logout

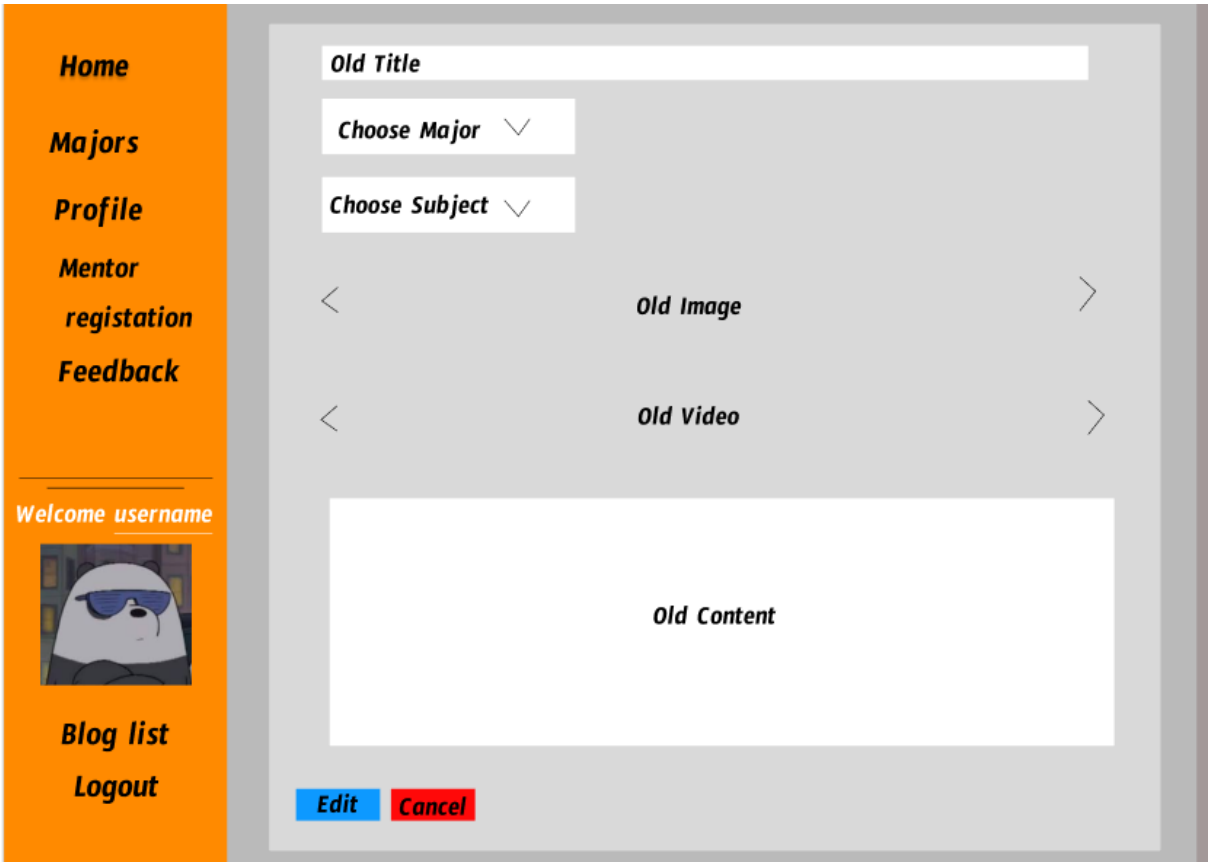
- Function trigger: when the user clicks on “Logout” gender under avatar.
- Function description:
  + Roles: All users
  + Purpose: All users to Logout
  + Data processing: User logout from the system.
- Function details: User can log out his account. to continue working or log in with another account.



15. Blog Details

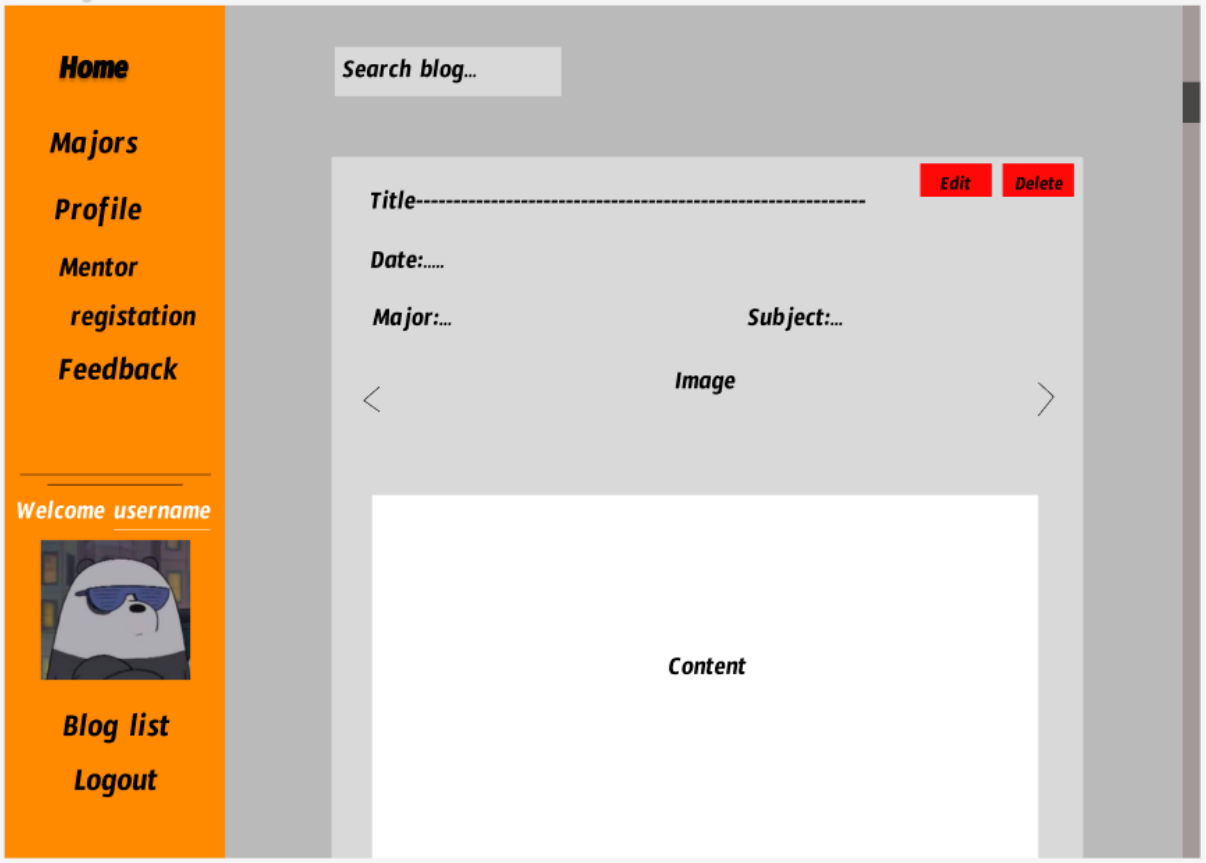
15.1. Edit blog

- Function trigger: when the user clicks on “Edit Blog” on the blog detail.
- Function description:
    + Roles: include users.
    + Purpose: update details of blog .
    + Data processing: update blog’s information that is provided by students.
- Function details: the system will display all the information of a specific blog that is written by a student and students can edit blog’s information, and the mentors need to approve or reject this blog to display on the home page screen.



15.2. Delete blog

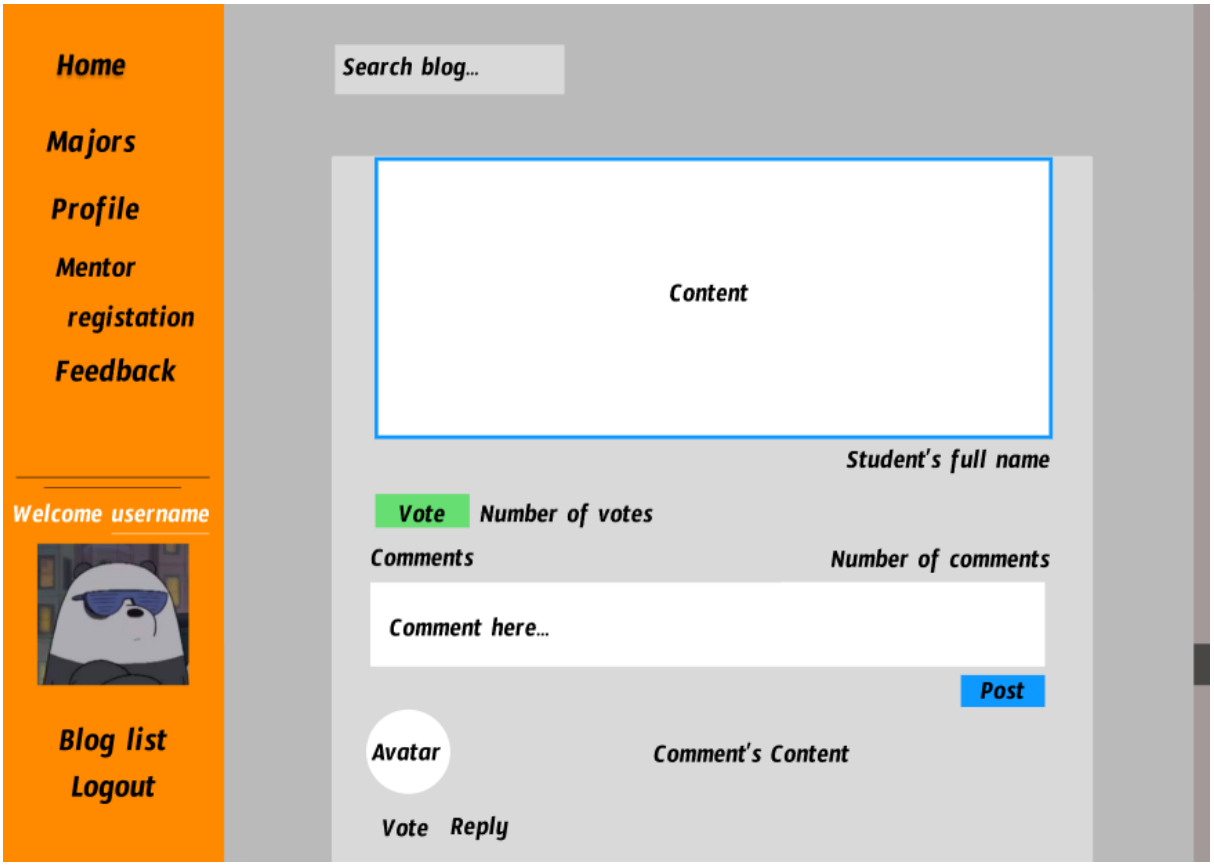
- Function trigger: when the user signs in to the Academic Blog website and and goes to the blog details.
- Function description:
  - + Roles: include students and mentors.
  - + Purpose: Allows users to delete user's blog posts.
  - + Data processing: Delete blogs' information that is provided by the students.
- Function details: The system will display all the information of the blog post that the user wants to delete in the blog detail and whether the user decides to delete that blog post or not.



15.3. Comment blog

- Function trigger: when the user enters the comment content and clicks "Comment" on the Blog Detail.
- Function description:
    + Roles: Mentor and Student.
    + Purpose: Mentor and Student to comment.
    + Data processing: Comments will be added to the database.

Function details: The system will add comments and display in the blog detail.



15.4. Vote blog

- Function trigger: when the user clicks the Vote button on the Blog Details page.
- Function description:
    + Roles: students and mentors.
    + Purpose: gather a number of votes to rank the blogs.
    + Data processing: create an activity with the type is Vote and update it into the database.

Function details: The user can click on the Vote button, then the system will create an activity with the type Vote and update it into the database. The number of votes on this blog will increase and the user can click again to unvote for the blog.

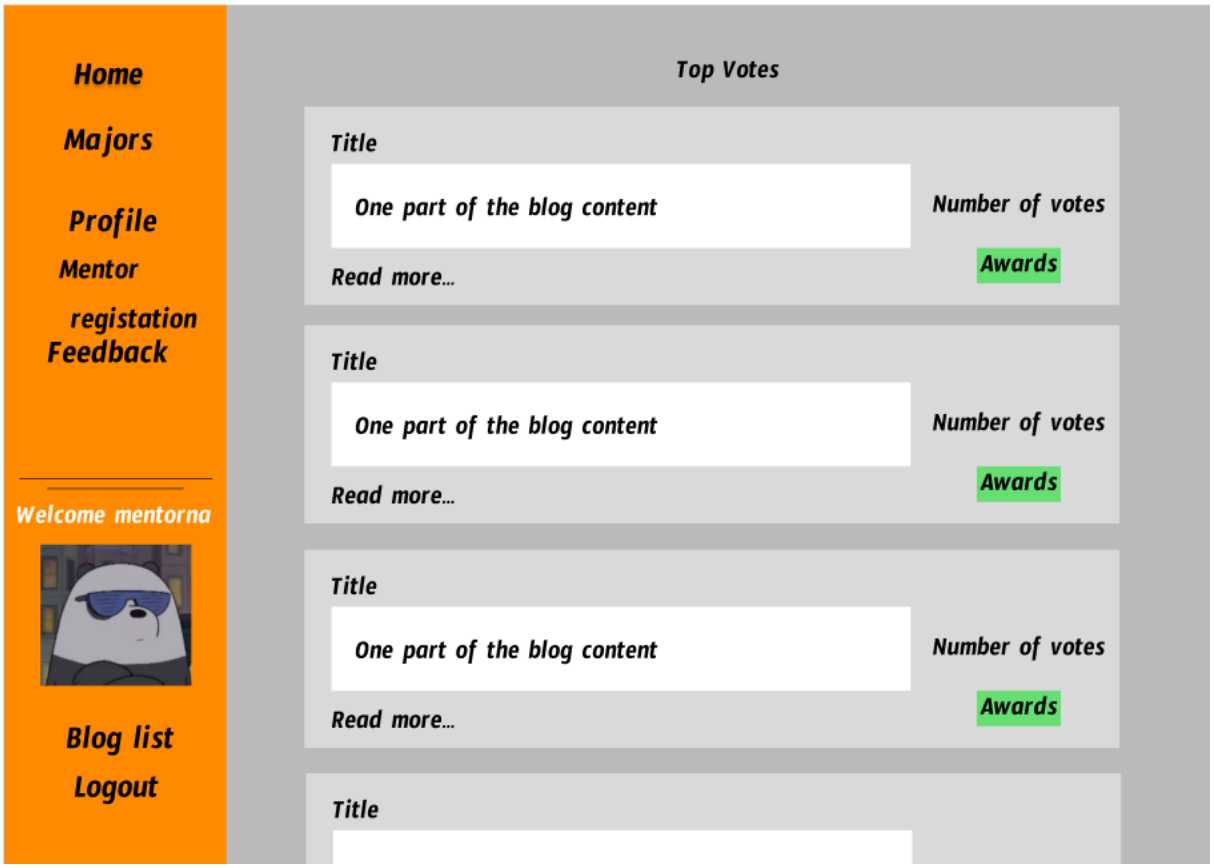
15.5. View number of votes

- Function trigger:Display the vote count of a blog post.
- Function description:
  - + Roles: All users
  - + Purpose: All users can view the number of votes.
  - + Data processing: Display the vote count of the blog post
- Function details: The system allows users to view the number of votes of a blog post. from which users can compare the quality of the article.

15.6. Give awards

- Function trigger: when the mentor clicks Awards button.
- Function description:
    + Roles: mentor.
    + Purpose: Mentor gives gifts for students whose blog posts get top votes.
    + Data processing: check quantity award, notify if quantity award is not enough.

Function details: mentor through the number of votes of the blog posts and gives the gift for the students of that blog post. The system will notify students when the gift is given.



16. Profile page

16.1. Edit/Update profile

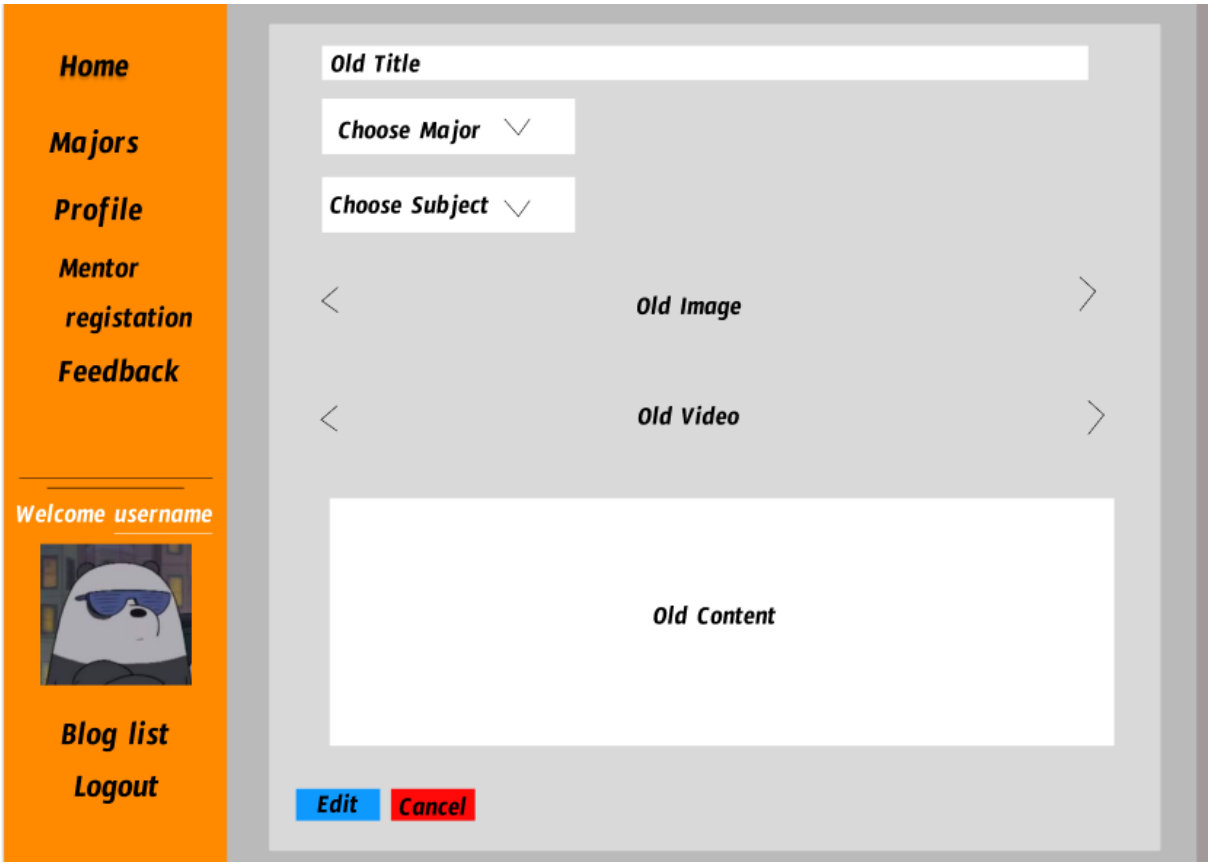
- Function trigger: when the admin clicks "Edit" on the "Profile" page.
- Function description:
    + Roles: Mentor and Student.
    + Purpose: Mentor and Student to edit and update profile.
    + Data processing: Users can edit and update their profile with their personal information.

Function details: The system allows users to change their personal information. To complete the profile and be able to provide everyone needed.

17. Edit Blogs

17.1. Edit blog

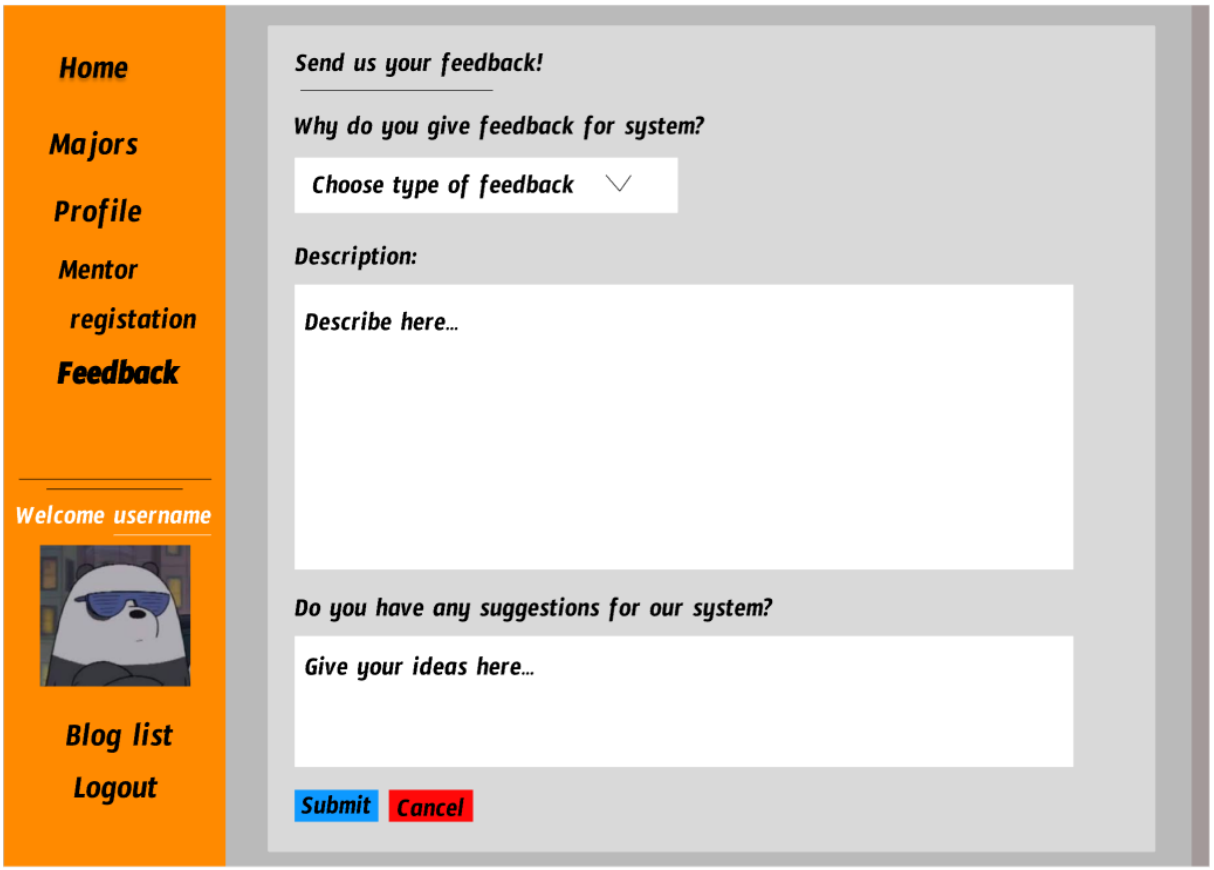
- Function trigger: when the user clicks on “Edit Blog” on the edit blog page.
- Function description:
    + Roles: include users.
    + Purpose: update details of blog .
    + Data processing: update blog’s information that is provided by students.
- Function details: The system will update the blog and the blog will be in the state of waiting for approval



18. Feedback

18.1 Give Feedback

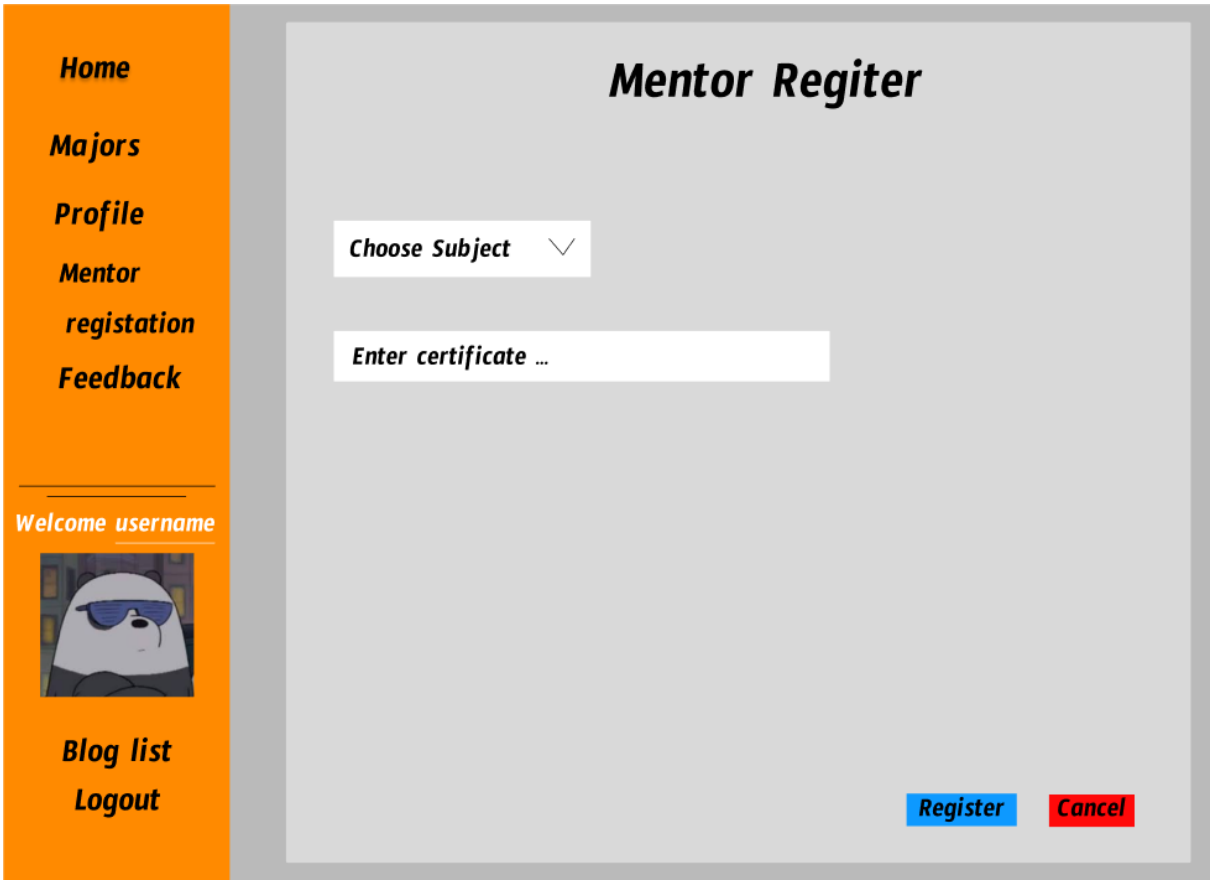
- Function trigger: when user provides information and clicks on submit button.
- Function description:
  - + Roles: include students and mentors.
  - + Purpose: provide shortcomings that users are not satisfied with.
  - + Data processing: create feedback's information that the users provide.
- Function details: the user chooses the feedback type contained in the database and provides some description for the feedback, and clicks the Submit button to send this feedback to the admin.



19. Mentor registration

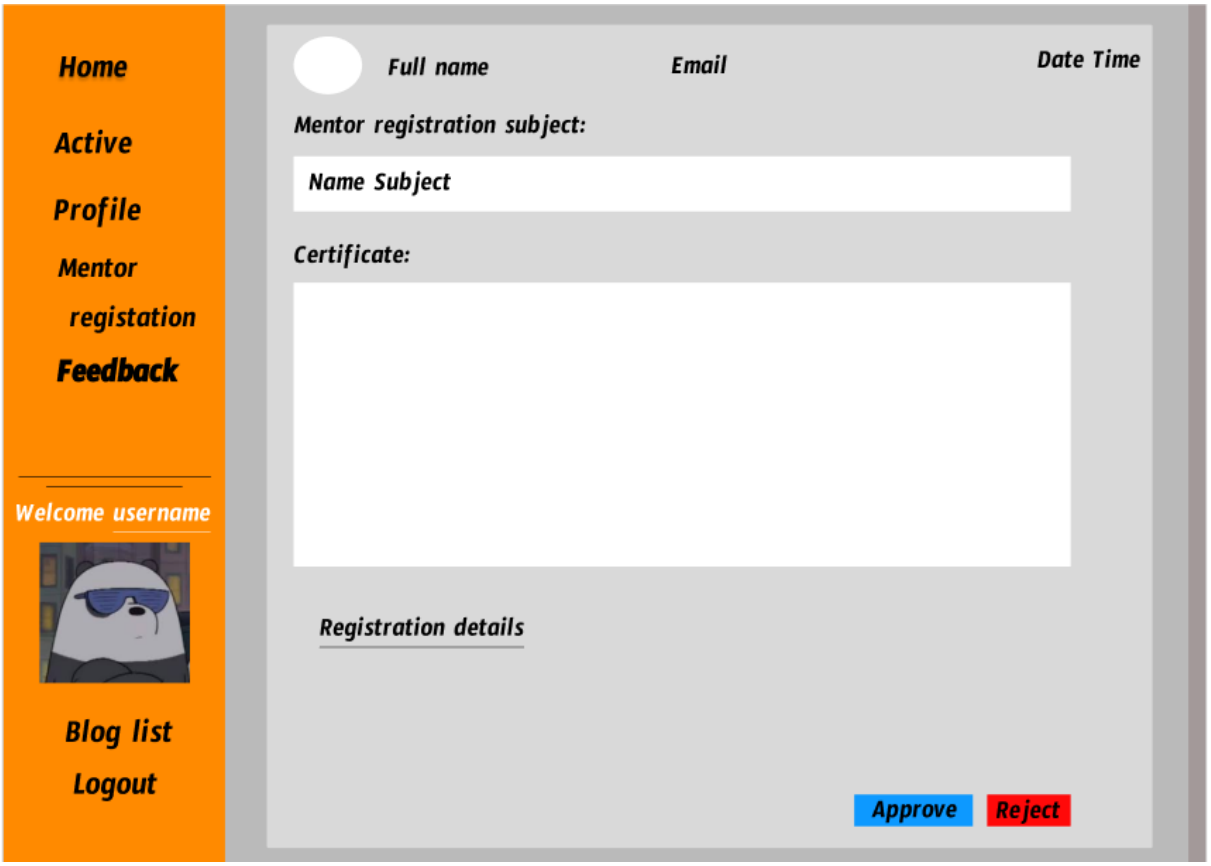
19.1. Mentor register

- Function trigger: when the admin clicks on “Mentor Registration” on the navigation bar.
- Function description:
    + Roles: student.
    + Purpose: student becomes a mentor student sends a request to become a mentor
    + Data processing: student sends a request to become a mentor
- Function details: the student will send a request to become a mentor to the admin with the subject code and certificate



19.2. Process user requests

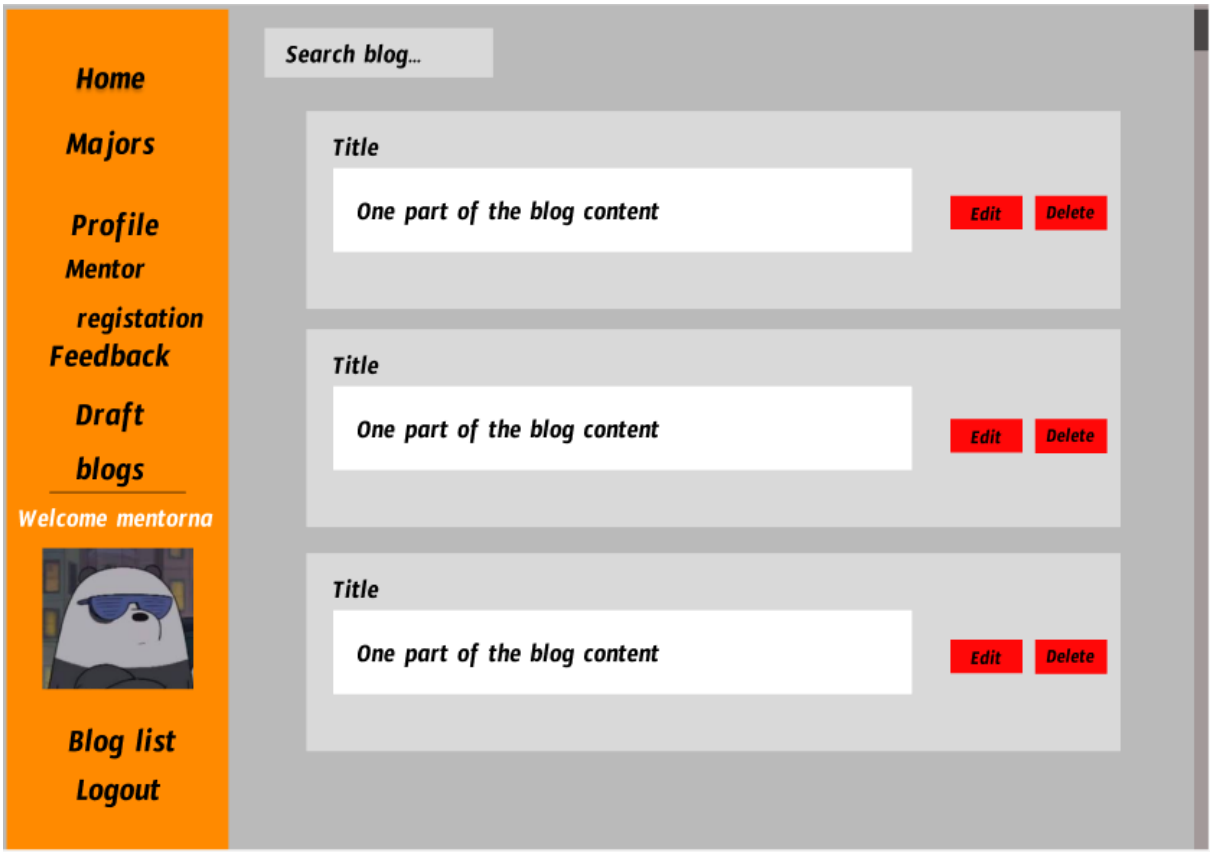
- Function trigger: when the admin clicks on the Approve/Reject button.
- Function description:
    + Roles: admin.
    + Purpose: Admin process student's request to register as a mentor
    + Data processing: registration form changes status from waiting to approved or rejected
- Function details: The admin will censor the student's mentor registration form and will approve when the certificate is valid or reject when the certificate is invalid.



20. Draft blog

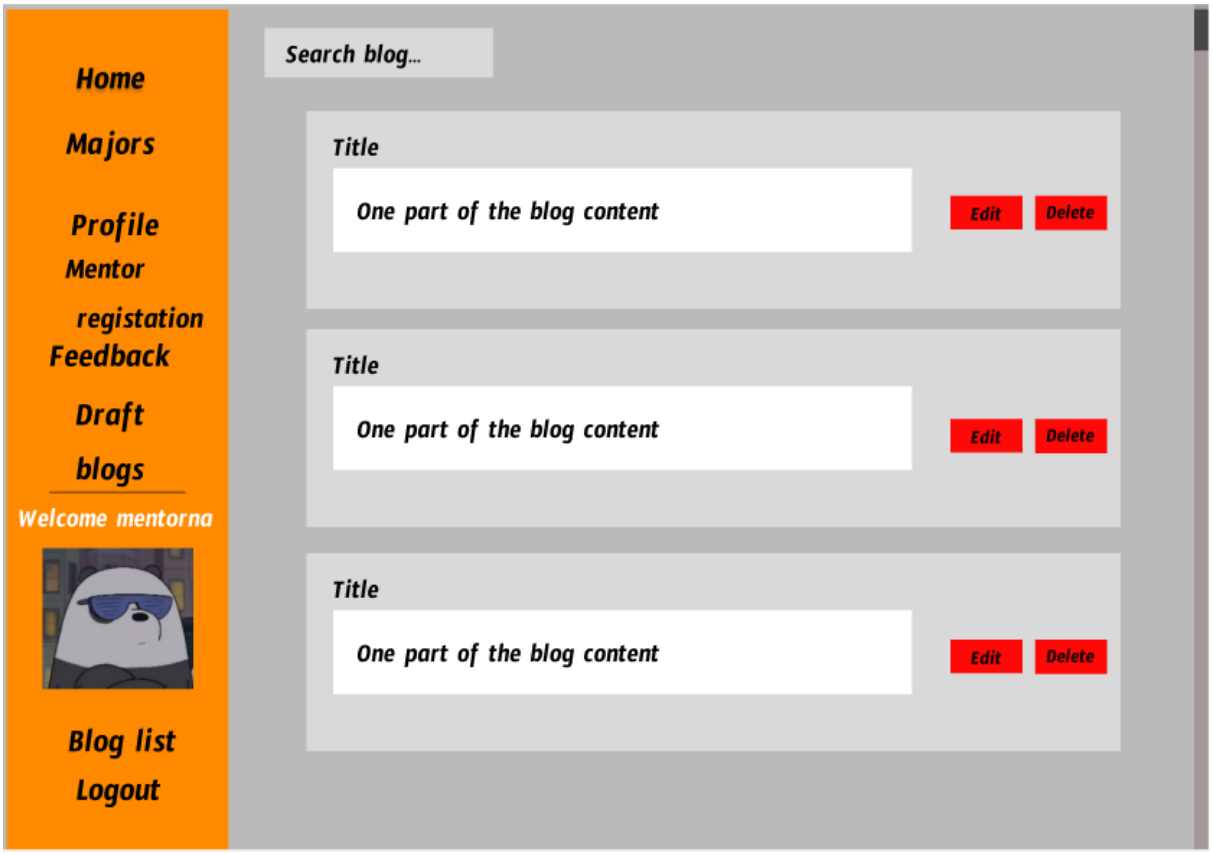
20.1. Continue write blog

- Function trigger: when the user clicks on the Edit button or Title of blog.
- Function description:
    + Roles: include students.
    + Purpose: Users continue to blog and can post when finished or save draft blog when not done.
    + Data processing: insert the data of the blog into the database
- Function details: Blog with draft status and users can edit the draft blog.



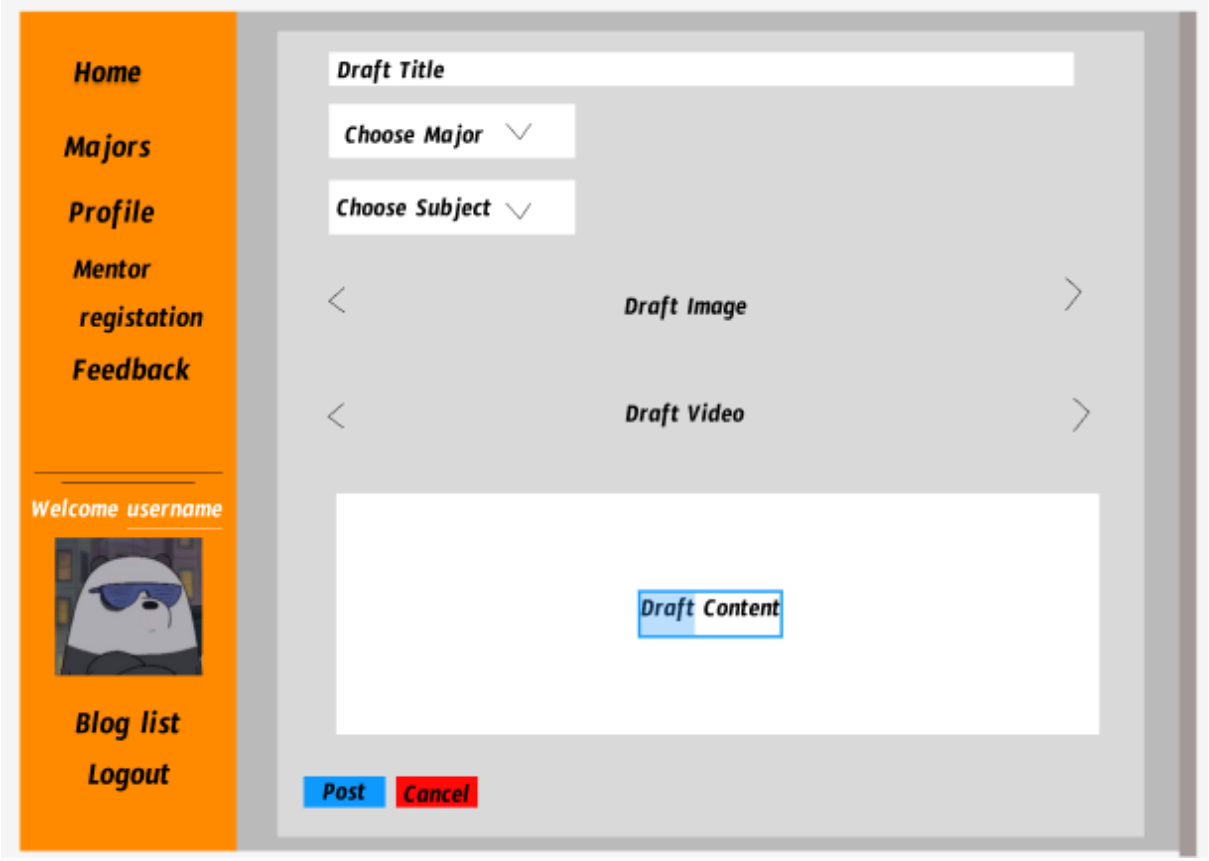
20.2. Delete draft blog

- Function trigger: when the user clicks on the Delete button.
- Function description:
    + Roles: include students.
    + Purpose: Users delete draft blog if they want
    + Data processing: change blog status from draft to disabled
- Function details: The system will change the status of the draft blog to disabled and will not be displayed when the student deletes the draft blog.



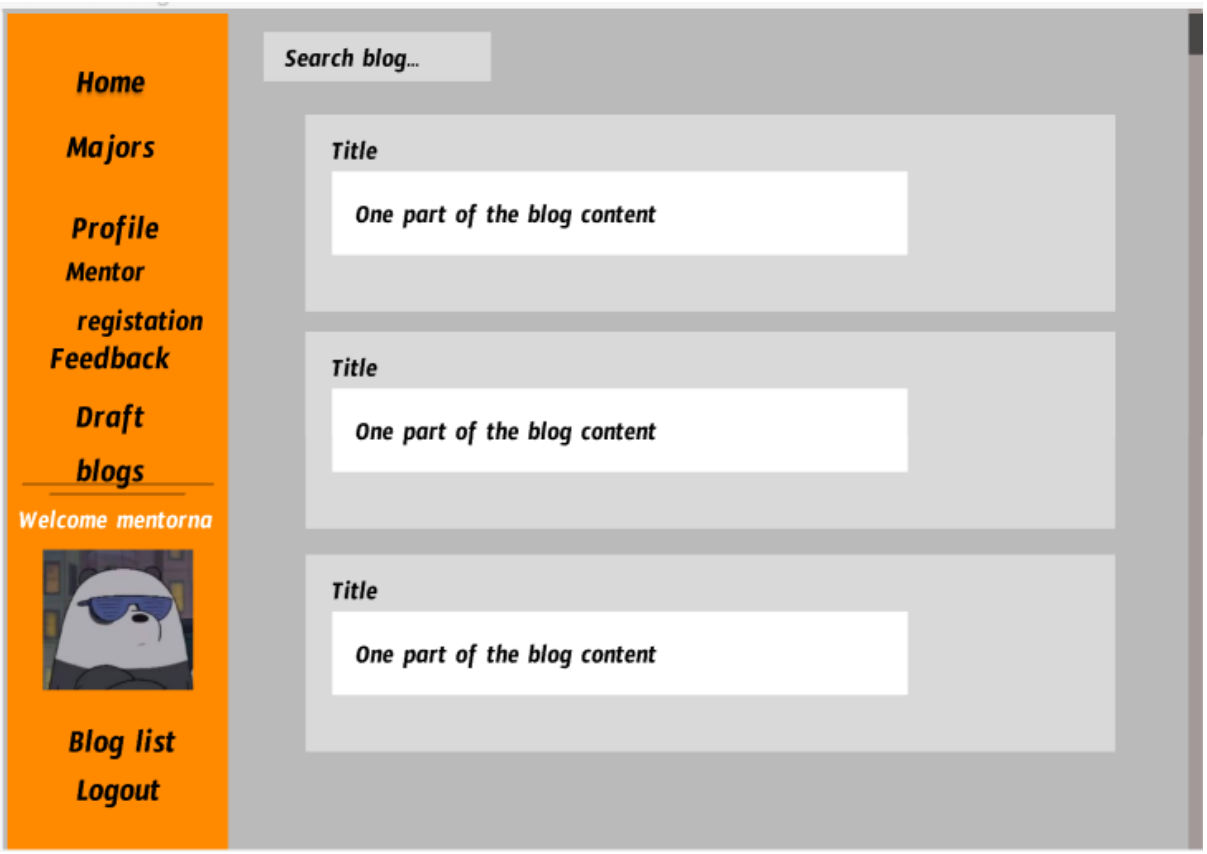
20.3 Save draft blog

- Function trigger: when the student clicks on “Save draft blog” on the post blog page.
- Function description:
    + Roles: students.
    + Purpose: Allows student post blog.
    + Data processing: Save blog information into the database .
- Function details: The system allows the student to enter the title, select the subject that the user wants to post, select an image and write their own share. You can choose to post or cancel.



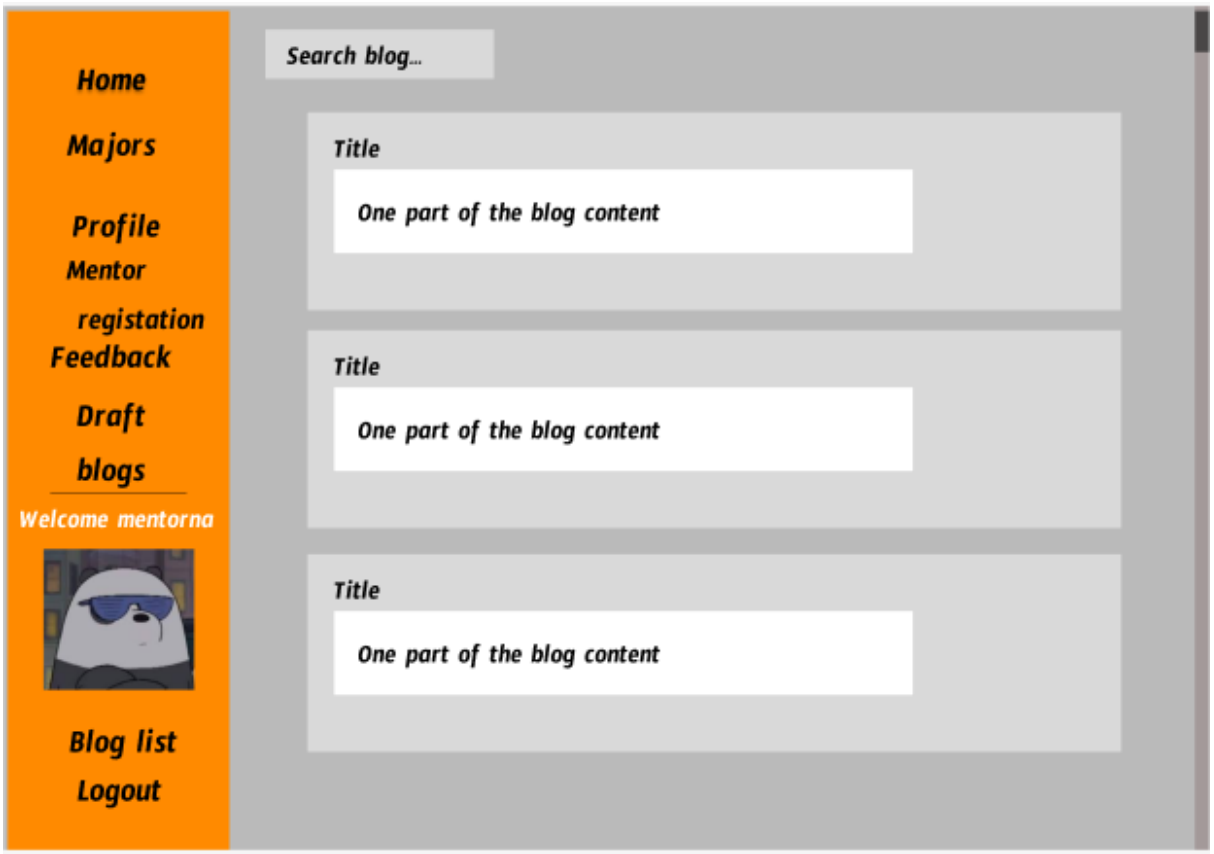
20.4 View Draft Blog

- Function trigger: when the user clicks on “Draft Blogs” on the personal page.
- Function description:
  - + Roles: include users.
  - + Purpose: view all draft blogs .
  - + Data processing: View blog’s information that is provided by students.
- Function details: the system will display all the information of draft blog that is written by a student and student can continue edit blog’s information or delete it



20.5 Search draft blog

- Function trigger: when the student clicks on “Search” on the draft blog page.
- Function description:
    + Roles: Students.
    + Purpose: view list of all draft blogs .
    + Data processing: Search draft blogs information that is provided by the system.
- Function details: the system will display all the information of draft blogs and student can edit or Delete draft blogs



21. Error page

- Function trigger: when user provides incorrect information and clicks on login button.
- Function description:
    + Roles: include guests, students, mentors, and admin.
    + Purpose: notify the users that they provide incorrect information.
    + Data processing: create a message to notify the users.
- Function details: data that the user provides must be contained in the database. If the data is not suitable, the system will notify an error.

OOPS!!!
Notify an error !!!
Return to welcome page