User Manual
for
Discussion Forum

Contents

1. User Management Functions

Before attempting to do anything, user must first access to the Forum via the link www.seforum.com . This will bring user to the main page where all of the predefined Threads of the system are displayed. From this point, user can now choose to perform some of the services provided as below.

1.1   Sign up for a new account

Step 1: User can become a member of the forum by click on 'Sign Up' button at the top right corner of the forum web page. The Sign Up Page will then appear.

Step 2: The Sign Up Page displays a form including text box of username, password, confirm password…

Step 3: User fills in the following form with all the information checked by the system. After that user will tick on the box to agree that he/she accepts the forum's terms and regulations.

Step 4: Click on 'Sign Up' button to finish the sign up process and become a forum member.

1.2   Login to the forum

Step 1: User can login to his or her account anywhere by clicking the 'Login' button at the top right of the website. The Login Page will then appear.

Step 2: The Login Page displays two text boxes for user to fill in: the email and the password fields. After entering all of the information (which is required for both), click the 'Login' button at the end to submits the inputs. If the email and password submitted are correct, the user account will be logged in and user will be redirected to the Homepage.

In case user has forgotten his or her password, he or she can click the 'Forgot your password?' link to retrieve it. There are two ways for user to recover the password:

✓ *Case 1:* user can answer some personal questions that have been set when user registered the account. If the answers are correct, the system will show user the password.

✓ *Case 2*: user can reset password by clicking the 'Reset by email' link and then type the registered email into the required box. If the email is matched, the system will send the new password to the user's email. User can now login with the reset password from the system.

1.3 Logout of the forum

Step 1: User can attempt to logout of the forum anywhere by clicking the 'Logout' button at the top right of the website. All the unsaved activities of user will then be lost, and user will also be redirected back to the Login Page.

1.4 View user profile

Step 1: In order to view his or her profile, user must first log in to the forum (refer to the above instructions).

Step 2: After logging in successfully, user can now see a clickable message at the top right of the website: 'Welcome, user_full_name'. By clicking it, user will be brought to his or her respective profile page.

Step 3: The profile page will display the entire information user has given when the account was created, including:

- Email
- Password
- Profile picture / Avatar

1.5 Edit user profile

Step 1: First thing comes first; user must log in to edit his or her profile.

Step 2: After logging in successfully, user can follow these steps above (1.4 View user profile) to access to his or her Profile Page.

Step 3: In the corresponding Profile Page, the 'Edit profile' button is at the bottom of the page. By clicking on it, user will be redirected to the Edit Profile Page.

Step 4: The Edit Profile Page will display all of the current information of user in their respective box fields. User can then access each one and change their values as ease. After finishing editing, user can click the 'Save' button at the end to confirm the modification. The system will record all the changes and redirect user back to the Profile Page with all the information updated accordingly.

2. Discussion Management Functions

2.1 View all threads in the forum

Step 1: Access to the page via the given link (either as a guest or as a member). User will be brought to the Homepage first. Here, all the predefined threads, specified by the system owners and administrators, are displayed along with some additional information:

- Thread topic / name
- Number of posts in the thread
- Number of members that are currently in the thread
- The link to the post with the most recent comment

In addition, a box section where a list of most active posts in the past week across all threads is also displayed for users (at the top of the page).

2.2 View all posts of a thread

Step 1: In the Homepage, user can choose the desired thread and click on its name to access to the thread. After that, user will be redirected to the respective Thread Page.

Step 2: In the Thread Page, all the posts will be displayed according to the default order: the most active post comes first, then the second active one, and so on. Moreover; at the top of the page, five posts that have been recently commented are also displayed. Each post block is shown with some information:

- The post's title
- The name of the owner of the post
- The number of comments in the post

2.3 View all comments of a post

Step 1: First, user must access to the thread containing the desired post. The instructions on how to do it can be referred above (2.2).

Step 2: Once in the Thread Page, user can now choose and click the post he or she is interested in. After that, user will be brought to the corresponding Post Page.

Step 3: The Post Page will be displayed with the title and description at the top, along with the name of the owner of the post. An empty box field right below the post's description is used for user to quickly add his or her comment. Below that, in the remaining of the page, all of the comments in the posts are shown in the default arrangement (recent comments are at the top) with the following information:

- The owner of the comment
- The content of the comment
- The time that the comment is added

2.4 Arrange the displayed posts

Step 1: User clicks on 'Sort by' button on the top right of a thread to choose the displaying order of the posts.

Step 2:
- Choose 'Latest' to sort for the most recent active post first.
- Choose 'Popular' to sort for the most-view post first.

2.5 Create a new post in a thread

Step 1: First, user must log in to the forum (or else he or she is not allowed to create a post) and access to the desired thread. User can refer to the above instructions for how to perform these actions (1.2 for Login and 2.1 for Accessing thread).

Step 2: Once in the chosen Thread Page, user can now create a new post by clicking the 'Create new post' button at the top left corner of the page. User will be then redirected to the Create Post Page.

Step 3: The Create Post Page displays two text boxes for user to fill in: the title text box and the description text box. As user enters his or her desired

data, the system will attempt to first check for any offensive words in the given inputs:

- ✓ If there are any offensive words found, the system will warn user by putting a red warning message next to the respective field box. User is required to re-enter the data in order to proceed.
- ✓ If no offensive words are found, the system will display a green text next to the respective field box, indicating that the data is acceptable.

Step 4: Once all the given inputs are considered valid, user can click the 'Submit' button at the end of the form to confirm the details. The system will then create a post with the given data (title and description), and user will be redirected to the corresponding Post Page.

2.6 Edit a post in a thread

Note: in order to perform this action, user must be the owner of the post he or she is trying to edit. Otherwise; the system will not allow user to make any modifications.

Step 1: User must first login to the respective account that he or she used to create the post, and access the desired Post Page (details of instructions can be referred above).

Step 2: Once user is in the corresponding Post Page, he or she can click on the 'Edit post' button next to the post's title to make the changes. The system will then check for user's authorization:

- ✓ If user is not the owner of the post, he or she will be declined in the attempt to perform the modification.
- ✓ If user is indeed the owner of the post, the system will then redirect user to the Edit Post Page.

Step 3: In the Edit Post Page, the current post's information (title and description) are displayed inside the input box fields. User can now change the data as he or she wants. Note that, the system still performs first-hand checking for the new content (as in Creating Post function). After finishing the editing (all

new data must be valid), user can click the 'Save' button at the end of the form to confirm the changes. The system will then modify the information accordingly, and redirect user back to the Post Page.

2.7   Add a new comment to a post

Step 1: Log in into the forum (refer to the earlier instructions).

Step 2: Click on the desired thread's name in the Homepage and the browser will open the corresponding Thread Page.

Step 3: Click on the desired post's name in the Thread Page and the browser will open the corresponding Post Page, including all of the comments.

Step 4: Click on the comment text box (below the post's description), and input the content of your comment. (Note: you are not allowed to post a comment containing inappropriate characters and words).

Step 5: Click on the 'Post Comment' button and your comment will the saved by the system and displayed in a block view in the current Post Page.

2.8   Edit a comment in a post

Step 1: Access the Post Page that contains the comment you wants to edit (refer to the above instructions on how to do it).

Step 2: After finding out the comment you want to edit in the desired Post Page, click on the drop-down button on the right of the comment.

Step 3: Click on the 'Edit' entry in the drop-down list and your comment will be displayed in a text box (Note: this function is only available if the comment belongs to you).

Step 4: Click on the comment text box and input new content for your comment (Note: you are not allowed to post a comment containing inappropriate characters and words).

Step 5: Click on the 'Save' button and your modification will be recorded by the system. The comment is then displayed in a block view in the current Post Page.

2.9   Delete violated members' posts

User must be a moderator or an administrator in order to perform this function.

Step 1: Login to the forum, as an administrator or a moderator.

Step 2: In the Homepage, click on the thread that administrator / moderator wants to check. The corresponding Thread Page will appear with all posts in the chosen thread are displayed.

Step 3: Administrators / Moderators can click the 'Delete' button right next to the post they want to delete, if they think it violates the forum's regulations. A confirm panel will then appear: 'Are you really want to delete this post? – YES / NO'.

Step 4: Administrators / Moderators click 'YES' to confirm the action, or 'NO' to cancel the action. If choose 'YES', a list of options will be displayed (reason for deleting the post):

- Discrimination content
- Racism content
- Political content
- Terrorism content

Step 5: Administrators / Moderators tick on the most appropriate reason, and then click 'Confirm' button. The system will then perform the action, and return the successful message 'Successfully deleted'.

2.10 Delete violated members' comments

User must be a moderator or an administrator in order to perform this function.

Step 1: Access the forum via the given link: www.seforum.com. Click on the 'Login' button to login to the forum. The system will check user's role and provide the appropriate accessibilities. User is now an administrator or a moderator.

Step 2: Access to the Post Page that user wants to check. After having detected invalid comment, click the 'Delete' button on the right of the comment block. A pop-up will appear, displaying a list of options to choose (reason for deleting the comment):

- Discrimination content
- Racism content
- Political content
- Terrorism content

Step 3: Tick the reason that the comment has violated. Then, click 'Submit' button on the bottom of the pop-up panel. Wait for a few seconds and a successful message will be display: '*The comment has been deleted. Please click here to go back to the previous page*'.

Step 4: Click on the hyperlink to finish and go back to the previous page.

3. Test Case Template Examples

3.1 Signup

- **Test Case 1.1 (**simple test)

Test Case #: 1.1	Test Case Name: Sign up
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Signup service of the forum	

Pre-conditions:
- The system displays the login page.

Step	Action	Expected System Response	Comment
1	Click the 'Signup' button.	The system displays a form asking user to enter information. Input fields: username and password.	
2	Enter 'lyquanbao' for username box and '12345' for password box.	The system validates the username and password. A green tick is displayed next to each box indicating that the inputs are acceptable.	
3	Click 'Submit' button.	The system display a message of successful operation.	
4	**Check post – condition 1.**		

Post-conditions:
1. The new user 'lyquanbao' with password '12345' is created in the database.

- **Test Case 1.2** (complex test)

Test Case #: 1.2	Test Case Name: Sign up
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Signup service of the forum	

Pre-conditions:
- The system displays the login page.

Step	Action	Expected System Response	Comment
1	Click the 'Signup' button.	The system displays a form asking user to enter information. Input fields: username and password.	
2	Enter 'lyquanbao' for username box and '12345' for password box.	The system validates the username and password: a green tick is displayed next to each box indicating that the inputs are acceptable.	
3	Click 'Submit' button.	The system display a message of successful operation.	
4	**Check post – condition 1.**		
5	Repeat steps 1, 2, 3 using the same username 'lyquanbao' and password '12345'.	The system displays a message of an *unsuccessful* operation and ask user to choose another username.	
6	Enter 'lyquanbao01' in username box.	The system validates the new username: a green text is displayed indicating the new input is acceptable.	
7	Click 'Submit' button.	The system displays a message of successful operation.	
8	**Check post – condition 2.**		

Post-conditions:
1. The new user 'lyquanbao' with password '12345' is created in the database.
2. The new user 'lyquanbao01' with password '12345' is created in the database.

3.2 Arrange posts

- **Test Case 2.1 (**simple test)

Test Case #: 2.1	**Test Case Name:** Sort Post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Sort Post service of the forum	

Pre-conditions:
- The system displays the thread page.
- There should be at least 2 posts existing in the thread.
- In each post, there should be at least 1 view, and 1 comment.

Step	Action	Expected System Response	Comment
1	Click on 'Sort by' button.	The system displays a list of sorting options for user to choose.	
2	Click on 'Latest' button	The system displays all posts of the desired sorted thread in a new order.	
3	**Check post – condition 1.**		

Post-conditions:
1. The post with the newest comment is put on the first row.

- **Test Case 2.2** (complex test)

Test Case #: 2.2	**Test Case Name:** Sort Post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Sort Post service of the forum	

Pre-conditions:
- The system displays the thread page.
- There should be at least 2 posts existing in the thread.
- In each post, there should be at least 1 view, and 1 comment.

Step	Action	Expected System Response	Comment
1	Click on 'Sort by' button.	The system displays a list of sorting options for user to choose.	
2	Click on 'Latest' button	The system displays all posts of the desired sorted thread in a new order.	
3	**Check post – condition 1.**		
4	Repeat step 1 and Click on 'Popular' button	The system displays all posts of the desired sorted thread in a new order.	
5	**Check post – condition 2.**		

Post-conditions:
1. The post with the newest comment is put on the first row.
2. The post with the most views is put on the first row.

3.3   Login / Logout

- **Test Case 3.1** (simple test)

Test Case #: 3.1	Test Case Name: Login / Logout
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Login / Logout service of the forum	

Pre-conditions:
- The user has not logged in before (to be able to login).
- The user must have already logged in (to be able to logout).
- The user has signed up an account: *username* – thienvippro96, *password* – thien.
- The system displays the Login Page.

Step	Action	Expected System Response	Comment
1	Click the 'Login' button.	The system displays the Login Page and asks user to enter the username.	
2	Enter username 'thienvippro96'.	The system displays a message asking user to enter the password.	
3	Enter password 'thien'.	The system displays a message of successful login. The system displays the Homepage.	
4	**Check post – condition 1.**		
5	Click the 'Logout' button.	The system displays the Login Page	
6	**Check post – condition 2.**		

Post-conditions:
1. User has successfully logged in.
2. User has successfully logged out.

- **Test Case 3.2** (complex test)

Test Case #: 3.2	Test Case Name: Login / Logout
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Login / Logout service of the forum	

Pre-conditions:
- The user has not logged in before (to be able to login).
- The user must have already logged in (to be able to logout).
- The user has signed up an account: username – thienvippro96, password – thien.
- The system displays the Login Page.

Step	Action	Expected System Response	Comment
1	Click the 'Login' button.	The system displays the Login Page and asks user to enter the username.	
2	Enter username 'thienvippro96'.	The system displays a message asking user to enter the password.	
3	Enter password 'thien'.	The system displays a message of successful login. The system displays the Homepage.	
4	**Check post – condition 1.**		
5	Click the 'Logout' button.	The system displays the Login Page	
6	**Check post – condition 2.**		
7	Repeat steps 1, 2.	The system displays a message asking user to enter the password.	
8	Enter 'thien123' as password.	The system displays a message of unsuccessful login attempt and asks user to enter the correct password.	Explicitly enter wrong password.
9	Enter 'thien' as password.	The system displays a message of successful login. The system displays the Homepage.	
10	**Check post – condition 1.**		
11	Click the 'Logout' button.		
12	**Check post – condition 2.**		
13	Repeat steps 1, 2 using 'thienpro96' as username.	The system displays a message to alert user that there is no such username as 'thienpro96', and asks user to enter a valid username.	Explicitly enter invalid username.
14	Enter 'thienvippro96' as username .	The system displays a message asking user to enter the password.	
15	Enter 'thien' as password.	The system displays a message of successful login. The system displays the Homepage.	
16	**Check post – condition 1.**		

Post-conditions:
1. User has successfully logged in.
2. User has successfully logged out.

3.4   Create new post
- **Test Case 4.1** (simple test)

Test Case #: 4.1	Test Case Name: Create post
System: Online Discussion Forum	Subsystem: None
Designed by: SETeam	Designed Date:
Executed by: SETeam	Execution Date:
Short Description: Test the Creating Post service of the forum	

Pre-conditions:
- User has registered a valid account in the forum.
- User has already logged in.
- User is currently in the Thread Page, where the 'Create new post' button is displayed.
- The Thread database is enough / sufficient to store at least one more post.

Step	Action	Expected System Response	Comment
1	Click the 'Create new post' button.	The system redirects user to a new page. The system displays a title box and a description box for user to enter inputs.	
2	Enter 'Microsoft: new theory' into the title box.	The system displays a green text 'Valid' next to the title box.	Temporary check for offensive words is performed.
3	Enter 'Here are my new theory about future Microsoft's products and their intentions …' into the description box.	The system displays a green text 'Valid' next to the description box.	Temporary check for offensive words is performed.
4	Click 'Submit' button.	The system displays a message notifying successful operation. The system redirects user to the page of the new post.	
5	**Check post – condition 1.**		

Post-conditions:
1. The new post with *title* – 'Microsoft: new theory' and *description* – 'Here are my new theory about future Microsoft's products and their intentions …' is created and saved

successfully in the corresponding thread and the database.	

- **Test Case 4.2** (complex test)

Test Case #: 4.2	**Test Case Name:** Create post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Creating Post service of the forum	

Pre-conditions:
- User has registered a valid account in the forum.
- User has already logged in.
- User is currently in the Thread Page, where the 'Create new post' button is displayed.
- The Thread database is enough / sufficient to store at least one more post.

Step	Action	Expected System Response	Comment
1	Click the 'Create new post' button.	The system redirects user to a new page. The system displays a title box and a description box for user to enter inputs.	
2	Enter 'F**k topic title' into the title box.	The system displays a red text 'Invalid content. Please DO NOT use any offensive words!' next to the title box. The system then requires user to re-enter another title in order to proceed.	Temporary check for offensive words is performed.
3	Re-enter 'Topic title' into the title box.	The system displays a green text 'Valid' next to the title box.	Temporary check for offensive words is performed.
4	Enter 'I do not want to talk about it, N***a' into the description box.	The system displays a red text 'Invalid content. Please DO NOT use any offensive words!' next to the description box. The system then requires user to re-enter another description in order to proceed.	Temporary check for offensive words is performed.
5	Re-enter 'Just test the checking service of the system.	The system displays a green text 'Valid' next to the description box.	Temporary check for offensive

	All according to Keikaku' into the description box.		words is performed.
6	Click 'Submit' button.	The system displays a message notifying successful operation. The system redirects user to the page of the new post.	
7	**Check post – condition 1.**		

Post-conditions:
1. The new post with *title* – 'Topic title' and *description* – 'Just tests the checking service of the system. All according to Keikaku' is created and saved successfully in the corresponding thread and the database.

3.5   Edit own posts

- **Test Case 5.1** (simple test)

Test Case #: 5.1	**Test Case Name:** Edit post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Editing Post service of the forum	

Pre-conditions:
- User has registered a valid account in the forum.
- User has already logged in.
- User is the owner of the post with *title* – 'Title' and *description* – 'Description'.
- User must be in the corresponding Post Page.

Step	Action	Expected System Response	Comment
1	Click the entry of the post with *title* – 'Title' and *description* – 'Description' that belongs to user.	The system redirects user to page of the corresponding post.	
2	Click 'Edit post' button.	The system redirects user to a new page: Edit Post Page. A title box is displayed with the post's current *title* – 'Title'. A description box is displayed with the post's current *description* – 'Description'.	
3	Enter new title 'Title v1.0' into the title box.	The system displays a green text 'Valid' next to the title box.	Temporary check for offensive words is performed.
4	Enter new description 'Description v1.0' into the description box.	The system displays a green text 'Valid' next to the description box.	Temporary check for offensive words is performed.
5	Click 'Submit' button.	The system displays a message notifying successful operation. The system redirects user back to the	

		current Post Page.	
6	**Check post – condition 1**		

Post-conditions:
1. The post with *title* – 'Title' and *description* – 'Description' is modified accordingly in the corresponding thread and the database: title becomes 'Title v1.0' and description becomes 'Description v1.0'.

- **Test Case 5.2** (complex test)

Test Case #: 5.2	**Test Case Name:** Edit post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Editing Post service of the forum	

Pre-conditions:
- User has registered a valid account in the forum.
- User has already logged in.
- User is the owner of the post with *title* – 'Another title' and *description* – 'Another description'.
- User must be in the corresponding Post Page.

Step	Action	Expected System Response	Comment
1	Click the entry of the post with *title* – 'Another title' and *description* – 'Another description' that belongs to user.	The system redirects user to page of the corresponding post.	
2	Click 'Edit post' button.	The system redirects user to a new page: Edit Post Page. A title box is displayed with the post's current *title* – 'Another title'. A description box is displayed with the post's current *description* – 'Another description'.	
3	Enter new *invalid* title 'F**k title' into the title box.	The system displays a red text 'Invalid content. Please DO NOT user any offensive words' next to the title box. The system then requires user to re-enter another *valid* title.	Temporary check for offensive words is performed.

4	Click 'Cancel' button.	The system redirects user back to the current Post Page.	
5	**Check post – condition 1.**		
6	Click 'Edit post' button, again.	The system redirects user to a new page. A title box is displayed with the post's current title 'Another title'. A description box is displayed with the post's current description 'Another description'.	
7	Enter new description 'Another description v1.0' into the description box.	The system displays a green text 'Valid' next to the description box.	Temporary check for offensive words is performed.
8	Click 'Submit' button.	The system displays a message notifying successful operation. The system redirects user back to the current Post Page.	
9	**Check post – condition 2.**		

Post-conditions:
1. The chosen post has not been modified.
2. The post with *title* – 'Another title' and *description* – 'Another description' is modified accordingly in the corresponding thread and the database: description becomes 'Another description v1.0'.

3.6 Create new comment

- **Test Case 6.1** (simple test)

Test Case #: 6.1	**Test Case Name:** Post comment
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Post Comment service of the forum	

Pre-conditions:
- User has logged in to the forum.
- The post to add new comment still exists in the database.
- User must be in the corresponding Thread Page containing the desired post.

Step	Action	Expected System Response	Comment
1	Click on the desired post.	The system redirects user to the corresponding Post Page. All of the current comments are displayed, along with the box for adding new comment.	
2	Enter 'Hello world' into the new comment box.	The system displays the preview for the new comment: 'Hello world'. The system enables the 'Post Comment' button to submit the new comment.	
3	Click on 'Post Comment' button.	The system redirects user back to the corresponding Post Page, where the new comment is added and auto-focused on loading.	
4	**Check post – condition 1**		
5	**Check post – condition 2**		
6	**Check post – condition 3**		

Post-conditions:
1. The system creates a new comment with content 'Hello world'.
2. The 'Hello world' comment is added into the respective post.
3. The 'Hello world' comment is stored in the database.

- **Test Case 6.2** (complex test)

Test Case #: 6.2	Test Case Name: Post comment
System: Online Discussion Forum	Subsystem: None
Designed by: SETeam	Designed Date:
Executed by: SETeam	Execution Date:
Short Description: Test the Post Comment service of the forum	

Pre-conditions:
- User has logged in to the forum.
- The post to add new comment still exists in the database.
- User must be in the corresponding Thread Page containing the desired post.

Step	Action	Expected System Response	Comment
1	Click on the desired post.	The system displays a warning message that this post has been deleted by an administrator or a moderator.	
2	Click on another post.	The system redirects user to the corresponding Post Page.	
3	Enter 'F**k you' into the comment box.	The system displays the preview for the new comment: 'F**k you'. The system enables the 'Post Comment' button to submit the new comment.	
4	Click on 'Post Comment' button.	The system displays a warning message, alerts that user has entered one or more inappropriate words. The system asks user to type in another comment, containing appropriate words only.	
5	**Check post – condition 1**		
6	Enter 'Hello world' into the comment box.	The system displays the preview for the new comment: 'Hello world'. The system enables the 'Post Comment' button to submit the new comment.	
7	Click on 'Post Comment' button.	The system redirects user back to the corresponding Post Page, where the new comment is added and auto-focused on loading.	

8	Check post – condition 2		
9	Check post – condition 3		
10	Check post – condition 4		

Post-conditions:
1. The system denies to create a comment with the content 'F**k you' since it contains inappropriate word.
2. The system creates a new comment with content 'Hello world'.
3. The 'Hello world' comment is added into the respective post.
4. The 'Hello world' comment is stored in the database.

3.7　Edit own comments

- **Test Case 7.1** (simple test)

Test Case #: 7.1	**Test Case Name:** Edit comment
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Edit Comment service of the forum	

Pre-conditions:
- User has logged in to the forum.
- The post to edit comment still exists in the database.
- User must be in the corresponding Thread Page containing the desired post.
- The comment to be edited still exists in the database.
- User has to be the owner of that comment to have permission of editing.

Step	Action	Expected System Response	Comment
1	Click on the desired post.	The system redirects user to the corresponding Post Page. All of the current comments are displayed, along with the box for adding new comment.	
2	Click on the drop-down button on the right of the desired comment ("Hello world").	The system displays all the functions that users has on the following comment including editing comment, deleting comment, …	
3	Click on 'Edit' button.	The system changes the display of comment 'Hello World' from comment block to comment text box for editing.	
4	Enter 'Hello Vietnam' into the comment box	The system displays the preview for the new comment: 'Hello Vietnam'. The system enables the 'Save' button to submit the edited comment.	
5	Click on 'Save' button	The system redirects user back to the corresponding Post Page, where the desired comment is edited and auto-focused on loading.	
6	**Check post – condition 1**		
7	**Check post – condition 2**		

Post-conditions:
1. The system edits the desired comment, changes its content from 'Hello World' to 'Hello Vietnam'.
2. The edited comment is being modified in the database with new content updated.

- **Test Case 7.2** (complex test)

Test Case #: 7.2	**Test Case Name:** Edit comment
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Edit Comment service of the forum	

Pre-conditions:
- User has logged in to the forum.
- The post to edit comment still exists in the database.
- User must be in the corresponding Thread Page containing the desired post.
- The comment to be edited still exists in the database.
- User has to be the owner of that comment to have permission of editing.

Step	Action	Expected System Response	Comment
1	Click on the desired post.	The system displays a warning message that this post has been deleted by an administrator or a moderator.	
2	Click on another post.	The system redirects user to the corresponding Post Page.	
3	Click on the drop-down button on the right of the desired comment ("Hello world").	The system displays all the functions that users has on the following comment including editing comment, deleting comment, …	
4	Click on 'Edit' button.	The system changes the display of comment 'Hello World' from comment block to comment text box for editing.	
5	Enter 'F**k you' into the comment box.	The system displays the preview for the new comment: 'F**k you'. The system enables the 'Save button to submit the edited comment.	
6	Click on 'Save' button.	The system displays a warning message, alerts that user has entered	

		one or more inappropriate words. The system asks user to type in another comment, containing appropriate words only.	
7	**Check post – condition 1**		
8	Enter 'Hello Vietnam' into the comment box.	The system displays the preview for the new comment: 'Hello Vietnam'. The system enables the 'Save' button to submit the edited comment.	
9	Click on the 'Save' button.	The system redirects user back to the corresponding Post Page, where the desired comment is edited and auto-focused on loading.	
10	**Check post – condition 2**		
11	**Check post – condition 3**		

Post-conditions:
1. The system denies to change content the desired comment to 'F**k you' since it contains inappropriate word.
2. The system edits the desired comment, changes its content from 'Hello World' to 'Hello Vietnam'.
3. The edited comment is being modified in the database with new content updated.

3.8   Edit user profile

- **Test Case 8.1** (simple test)

Test Case #: 8.1	**Test Case Name:** Edit profile
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Updating user's profile service	

Pre-conditions:
- The user has already logged in.
- The user must be the profile's owner.
- The current user's profile: *username* – thienvippro96, *password* – thien, *avatar* – ava.jpg.
- The user must be in his or her Profile Page to perform this function.

Step	Action	Expected System Response	Comment
1	Click 'Edit profile' button in the Profile Page.	The system displays the current information of user's profile.	
2	Enter 'thien01' as new password, and upload 'ava01.jpg' as new avatar.	The system displays a message asking user to confirm the modification.	
3	Click 'Confirm' button	The system displays a message of successful operation. The system reloads the Profile Page.	
4	**Check post – condition 1**		

Post-conditions:
1. User profile is updated accordingly: *username* – thienvippro96, *password* – thien01, *avatar* – ava01.jpg.

- **Test Case 8.2** (complex test)

Test Case #: 8.2	Test Case Name: Edit profile
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Updating user's profile service	

Pre-conditions:
- The user has already logged in.
- The user must be the profile's owner.
- The current user's profile: *username* – thienvippro96, *password* – thien, *avatar* – ava.jpg.
- The user must be in his or her Profile Page to perform this function.

Step	Action	Expected System Response	Comment
1	Click 'Edit profile' button in the Profile Page.	The system displays the current information of user's profile.	
2	Enter 'thien01' as new password and upload 'ava01.jpg' as new avatar.	The system displays a message asking user to confirm the modification.	
3	Click 'Confirm' button	The system displays a message of successful operation. The system reloads the Profile Page.	
4	**Check post – condition 1**		
5	Repeat steps 1, 2 but this time, leave the password box blank and do not upload any new avatar.	The system displays a message of unsuccessful operation, and asks user to fill in the blank.	
6	Enter 'thien02' as new password	The system displays a message asking user to confirm the modification.	
7	Click 'Confirm' button	The system displays a message of successful operation. The system reloads the Profile Page.	
8	**Check post – condition 2**		
9	Repeats steps 1 and 2	The system displays a message asking user to confirm the update.	
10	Click 'Cancel' button	The system discards the modification. The system reloads the Profile Page.	

11	Check post – condition 3		

Post-conditions:

1. User profile is updated accordingly: *username* – thienvippro96, *password* – thien01, *avatar* – ava01.jpg.
2. User profile is updated accordingly: *username* – thienvippro96, *password* – thien02, *avatar* – ava01.jpg.
3. User profile is not updated.

3.9 Delete violated members' comments

- **Test Case 9.1** (simple test)

Test Case #: 9.1	Test Case Name: Delete Violated Comment
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Delete Violated Comment service of the forum	

Pre-conditions:
- User has already log in.
- User has to be an administrator, or a moderator that manages the post containing the desired comment to delete.
- The desired comment has violated some of the forum's regulations.
- The desired comment still exists in the database.

Step	Action	Expected System Response	Comment
1	Click on the drop-down button of the desired comment to delete.	The system displays all the functions that users has on the following comment including editing comment, deleting comment, …	
2	Click on 'Delete' button	The system displays an alerting message asking the user if he/she really want to delete the following comment.	
3	Click on 'Yes' button	The system displays a list of reason why the comment should be deleted, the 'Confirm' and 'Cancel' button.	
4	Tick on one of the reason listed and click on 'Confirm' button	The system displays a message showing that the desired comment has been deleted successfully.	
5	**Check post – condition 1**		
6	**Check post – condition 2**		

Post-conditions:
1. The deleted comment is removed completely from the database.
2. The owner of the deleted comment is notified about the deletion of his/her post.

- **Test Case 9.2** (complex test)

Test Case #: 9.2	**Test Case Name:** Delete Violated Comment
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Delete Violated Comment service of the forum	

Pre-conditions:
- User has already log in.
- User has to be an administrator, or a moderator that manages the post containing the desired comment to delete.
- The desired comment has violated some of the forum's regulations.
- The desired comment still exists in the database.

Step	Action	Expected System Response	Comment
1	Click on the drop-down button of the desired comment to delete.	The system displays all the functions that users has on the following comment including editing comment, deleting comment, …	
2	Click on 'Delete' button	The system displays an alerting message asking the user if he/she really want to delete the following comment.	
3	Click on 'Yes' button	The system displays a list of reason why the comment should be deleted, the 'Confirm' and 'Cancel' button.	
4	Tick on one of the reason listed and click on 'Confirm' button	The system displays a message showing that the desired comment has been deleted successfully.	
5	**Check post – condition 1**		
6	**Check post – condition 2**		
8	Repeat step 1, 2 and Click on 'No' button	The system reloads the current post Page.	
9	**Check post – condition 3**		
10	Repeat step 1, 2, 3 and Click on 'Cancel' button	The system displays an alerting message asking the user if he/she really want to cancel the deletion of the following comment.	
11	Click on 'Yes' button	The system reloads the current post Page.	

12	**Check post – condition 3**		
13	Repeat step 9 and Click on 'No' button	The system displays a list of reason why the comment should be deleted, the 'Confirm' and 'Cancel' button.	
14	Click on 'Confirm' button.	The system displays a message showing that the desired comment has been deleted successfully.	
15	**Check post – condition 1**		
16	**Check post – condition 2**		

Post-conditions:
1. The deleted comment is removed completely from the database.
2. The owner of the deleted comment is notified about the deletion of his/her post.
3. The post has not been changed since deletion is not confirmed.

3.10 Delete violated members' posts

- **Test Case 10.1** (simple test)

Test Case #: 10.1	**Test Case Name:** Delete Violated Post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Delete Violated Post service of the forum	

Pre-conditions:
- User has already log in.
- User has to be an administrator, or a moderator that manages the thread containing the desired post to delete.
- The desired post has violated some of the forum's regulations.
- The desired post still exists in the database.

Step	Action	Expected System Response	Comment
1	Click on the drop-down button of the desired post to delete.	The system displays all the functions that users has on the following post including editing post, deleting post, …	
2	Click on 'Delete' button	The system displays an alerting message asking the user if he/she really want to delete the following post.	
3	Click on 'Yes' button	The system displays a list of reason why the post should be deleted, the 'Confirm' and 'Cancel' button.	
4	Tick on one of the reason listed and click on 'Confirm' button	The system displays a message showing that the desired post has been deleted successfully.	
5	**Check post – condition 1**		
6	**Check post – condition 2**		
7	**Check post – condition 3**		

Post-conditions:
1. The deleted post is removed completely from the database.
2. All of the comments in the deleted post are accordingly deleted as well.
3. The owner of the deleted post is notified about the deletion of his/her post.

- **Test Case 10.2** (complex test)

Test Case #: 10.2	**Test Case Name:** Delete Violated Post
System: Online Discussion Forum	**Subsystem:** None
Designed by: SETeam	**Designed Date:**
Executed by: SETeam	**Execution Date:**
Short Description: Test the Delete Violated Post service of the forum	

Pre-conditions:
- User has already log in.
- User has to be an administrator, or a moderator that manages the thread containing the desired post to delete.
- The desired post has violated some of the forum's regulations.
- The desired post still exists in the database.

Step	Action	Expected System Response	Comment
1	Click on the drop-down button of the desired post to delete.	The system displays all the functions that users has on the following post including editing post, deleting post, …	
2	Click on 'Delete' button	The system displays an alerting message asking the user if he/she really want to delete the following post.	
3	Click on 'Yes' button	The system displays a list of reason why the post should be deleted, the 'Confirm' and 'Cancel' button.	
4	Tick on one of the reason listed and click on 'Confirm' button	The system displays a message showing that the desired post has been deleted successfully.	
5	**Check post – condition 1**		
6	**Check post – condition 2**		
7	**Check post – condition 3**		
8	Repeat step 1, 2 and Click on 'No' button	The system reloads the current Thread Page.	
9	**Check post – condition 4**		
10	Repeat step 1, 2, 3 and Click on 'Cancel' button	The system displays an alerting message asking the user if he/she really want to cancel the deletion of the following post.	

11	Click on 'Yes' button	The system reloads the current Thread Page.	
12	**Check post – condition 4**		
13	Repeat step 9 and Click on 'No' button	The system displays a list of reason why the post should be deleted, the 'Confirm' and 'Cancel' button.	
14	Click on 'Confirm' button.	The system displays a message showing that the desired post has been deleted successfully.	
15	**Check post – condition 1**		
16	**Check post – condition 2**		
17	**Check post – condition 3**		

Post-conditions:
1. The deleted post is removed completely from the database.
2. All of the comments in the deleted post are accordingly deleted as well.
3. The owner of the deleted post is notified about the deletion of his/her post.
4. The thread has not been changed since the deletion is not confirmed.