1. Definition

This use case allows all members in the group to create a new discussion. When a group member is confused, or a student wants to know if he understood a certain concept right, he can simply create a new discussion and wait for others to reply.

1. Preconditions and Post Conditions

## Precondition:

### The member must have been logged in the system.

If the member can’t login properly, for example, he fails to input right username and password; he cannot even have access to the system, not to mention operating in a discussion group.

### The group shall have been created

If the group hasn’t been created, there will be no access to create a new discussion. Or if the member has not involved into certain group, he will also have no access to operate such existing group.

### The user should be a member in this group.

Only the member in this group can ask a question in this group. The system does not provide a access for a leader to ask a question.

### The member is in the group operating interface

Only when the member is in the group operating interface, he can find the button to create a new discussion.

## Post Condition:

The discussion is terminated by its creator.

1. Basic Scenarios

This use case starts when the member presses the “new discussion” button in the group’s operating interface.

1. The system shows the interface for editing the question.
2. The member modifies his question in the form area. Details include a title and the text.
3. The member has finished editing his question, and presses the “submit” button.
4. The system receives the question sent by the member, and returns to the group discussing page.
5. The system reminds all members in the group, and marks the member who asked the question as the owner of this question.
6. To modify the question, the owner can click the “modify” button in the question-viewing page.
7. To delete the question, the owner can click the “delete” button in the question-viewing page.
8. If someone has answered the question, the owner will receive a notion, and can shift to the question-viewing page by clicking the “see details” button.
9. If the owner thinks that he has got a satisfying answer, and the question is no longer needed, he can click on the “delete” button in the question-viewing page. This use case comes to the end.
10. Exceptions or Branches

## The member input the null question title or the null question text and click “submit” button

The system find the member doesn’t input the title of the question or the text while submitting, returns error information to the member and requires him to input once again.

## The member (owner) modifies his question.

1. The member clicks “modify” button to edit his question.
2. The system shows the original title and text of the question.
3. The member modifies the question again.
4. The member clicks on the “submit” button.
5. The system rechecks if the title and the text are valid.
6. The system saves the new title and text of the question.

## The member (owner) delete his question

1. The member enters one of his question and clicks “delete” button.
2. The system warns the member, and requires the member to certify the question deletion.
3. The member is certain to delete the question and clicks the “certify” button.
4. The system deletes the question from database, and shows the group discussion page to the member, with the question deleted.

## The leader or administrator delete an question

When the leader finds a question meaningless, he can also delete the question, and edit a notice to the owner of the question, telling him why his question was deleted.

When an admin finds a question illegal, he can delete the question, leaving a warning to the owner of the question, telling him why his question was deleted.

1. Note

Only can the owner of the question himself can edit his question. The admin and the leader, however, can delete the question as the owner can. Besides, the admin and the leader cannot ask a question in the group.