Grape

Discussion Operation

Use Case Specification

Version 1.0

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Group Undefined

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English

Revision History

Date	Version	Description	Author
2015.4.8	1.0	Initialization of the report	Syachi Cui
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Contents

1.   Asking Questions

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.

User case name	AskQuestion
Actor	Members of the group
Entry Condition	1. The member must have been logged in the system 2. The group shall have been created 3. The user should be a member in this group. 4. The member is in the group operating interface
Flow of events	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.
Exit Condition	The discussion is terminated by its creator
Exceptions	1. The member input the null question title or the null question text and click "submit" button 2. The member (owner) modifies his question. 3. The member (owner) delete his question 4. The leader or administrator delete an question 5. The leader or administrator delete an question
Special Requirements	None.

2. Answering Questions

Definition

This use case allows all group members and leaders to attend in a discussion. When a question is raised, everyone in the group will be reminded, then they can enter the question interface and begin to answer it.

User case name	AnswerQuestion
Actor	The user (both leader and members)
Entry Condition	5. The user must have been logged in the system.
	6. The group shall have been created
	7. The user should be a member in this group.
	8. The user is in the question interface
Flow of events	3. The system shows the recent bulletin in the given group.
	4. The user clicks the bulletin button.
	5. The system changes to the bulletin interface and show all the bulletins in this group.
	6. The user clicks the "detail" button.
	7. The system changes to one of the bulletin and displays the full contents.
	8. If the user is the group leader, he can activate the "ModifyBulletin" operation by clicking the "modify" button.
	9. The ModifyBulletin is included here. At the end of this use case, the system returns to the bulletin interface with a modified bulletin set.
	10. The user clicks the return button to turn back to the group interface.
Exit Condition	None
Exceptions	1. The user input the null answer and click "submit" button
	The system find the user doesn't input the text of the answer while submitting, returns error information to the user and requires him to input once again.
	2. The user (participator) modifies his answer
	a) The member clicks "modify" button to edit his answer.
	b) The system shows the original text of the answer.
	c) The member modifies the answer again.
	d) The member clicks on the "submit" button.
	e) The system rechecks if the text is valid.

f) The system saves the new text of the answer.

3. The member (participator) delete his answer

   a) The member finds his answer in the question interface and clicks "delete" button.

   b) The system warns the member, and requires the member to certify the answer deletion.

   c) The member is certain to delete the answer and clicks the "certify" button.

   d) The system deletes the answer from database, and shows the question interface to the member, with his answer deleted.

4. The leader or owner or administrator delete an answer

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

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

Special Requirements	None