NKUNet

Student

Post Question

Attach Item

Post Answer

Vote on Answer

Remove a Question

Remove an Answer

Faculty

Administrator

Use case 1: Post a Question

Scope: NKUNet application

Level: user goal

Primary Actor: Student

Stakeholders and Interests:

- Student: Wants to be able to ask a question on a particular forum.

Preconditions: Student must be logged in and registered to a forum.

Success Guarantee: Question is posted. Student Users in the forum are able to vote on the question.

Main Success:

1. Student selects a forum to view.

2. System checks to make sure the student is in the class.

3. System allows Student to enter forum.

4. Student posts question in forum.

5. System creates timestamp for question.

Extensions:

*a. At any time, the System checks for login:

1. System checks for Student login.

   1a. Student is not logged in:

      1. System rejects Student from forum.

      2. System redirects Student to main page.

      3. System alerts Student to login.

2a. System sees that Student is not in class:

1. System rejects Student from forum.

2. System redirects Student to main page.

3. System alerts Student that they are not in the class.

4a. Student cancels posting question:

1. System alerts Student if they want to cancel post.

2. Student User decides on action.

2a. Student accepts canceling post:

    1. System redirects Student to forum page.

2b. Student declines canceling post:

    1. System redirects Student back to create post page.

Special Requirements:

- Student must be registered to class and section.

Frequency of Occurrence: Whenever a Student posts a question.

Use Case 2: Attach File to Question

Scope: NKUNet application

Level: user goal

Primary actor: Student

Stakeholders and Interests:

- Student: wants to attach a file (i.e. diagram, tutorial, etc.) to a post

Preconditions: Student must be logged in and registered to a forum.

Success Guarantee: File is attached to the post.

Main Success:

1. Student creates a new post.

2. Student fills in post.

3. Student selects file to attach.

4. Student submits post.

Extensions:

*a. At any time, the System checks for login:

3.a. File does not attach.

      1. File size is too large.

      2. File format is wrong.

Special Requirements:

- Student must be registered to class and section

Frequency of Occurrence: Whenever needed.

Use Case 3: Post answer to a question

Scope: NKUNet application

Level: user goal

Primary actor: Student

Stakeholders and Interests:

- Student: wants to be able to answer a question on a forum.

Preconditions: Student must be logged in and registered to a forum.

Success Guarantee: Answer is posted. Student Users in the forum are able to vote on the question.

Main Success:

1. Student selects a forum to view.

2. System checks to make sure the student is in the class.

3. System allows Student to enter forum.

4. Student posts answer to a question.

5. System creates timestamp for answer.

Extensions:

*a. At any time, the System checks for login:

1. System checks for Student login.

   1a. Student is not logged in:

      1. System rejects Student from forum.

      2. System redirects Student to main page.

      3. System alerts Student to login.

2a. System sees that Student is not in class:

1. System rejects Student from forum.

2. System redirects Student to main page.

3. System alerts Student that they are not in the class.

4a. Student cancels posting answer:

1. System alerts Student if they want to cancel post.

2. Student User decides on action.

   2a. Student accepts canceling post:

      1. System redirects Student to forum page.

   2b. Student declines canceling post:

      1. System redirects Student back to create post page.

Special Requirements:

- Student must be registered to class and section.

Frequency of Occurrence: Whenever a Student answers a question.

Use Case 4: Vote on an Answer

Scope: NKUNet application

Level: user goal

Primary Actor: Student

Stakeholders and Interests:

- Student: Wants to approve or disapprove on the relevance of an answer.

Preconditions: Student must be logged in and registered to a forum.

Success Guarantee: Answer is voted on. Answer is weighted on position based on number

of upvotes and downvotes.

Main Success:

1. Student enters a forum to view.

2. System checks to make sure the student is in the class.

3. System allows Student to enter forum.

4. Student selects question in forum.

5. Student votes on an answer.

6. System reevaluates answers position based on its weight.

Extensions:

*a. At any time, the System checks for login:

1. System checks for Student login.

    1a. Student is not logged in:

        1. System rejects Student from forum.

2. System redirects Student to main page.

3. System alerts Student to login.

2a. System sees that Student is not in class:

1. System rejects Student from forum.

2. System redirects Student to main page.

3. System alerts Student that they are not in the class.

6a. Answer has a higher upvote count than an answer above:

1. System checks the weights on all answers.

2. System sorts answers from highest upvote count to lowest.

Special Requirements:

- Student must be registered to class and section.

Frequency of Occurrence: Whenever a Student votes on an answer.

Use Case 5: Remove a Question

Scope: NKUNet application

Level: user goal

Primary Actor: Admin

Stakeholders and Interests:

- Admin: Wants to moderate a forum by removing an inappropriate/irrelevant question.

Preconditions: Admin must be logged in.

Success Guarantee: Inappropriate/Irrelevant question is removed from the forum.

Main Success:

1. Administrator enters a forum.

2. Administrator selects a question.

3. Administrator deletes question.

4. System deletes question and all associated answers.

Extensions:

*a. At any time, the System checks for login:

1. System checks for Admin login.

   1a. Admin is not logged in:

      1. System rejects Admin from entering forum.

      2. System redirects Admin to main page.

      3. System alerts Admin to login.

3a. Administrator decides to not delete question:

1. System notifies Administrator if deletion is final.

   1a. Administrator declines deletion:

      1. System redirects Administrator back to forum page.

Frequency of Occurrence: When necessary.

Use Case 6: Remove a Answer

Scope: NKUNet application

Level: user goal

Primary Actor: Admin

Stakeholders and Interests:

- Admin: Wants to moderate a forum by removing an inappropriate/irrelevant answer.

Preconditions: Admin must be logged in.

Success Guarantee: Inappropriate/Irrelevant answer is removed from the forum.

Main Success:

1. Administrator enters a forum.

2. Administrator selects a question.

3. Administrator selects an answer.

4. System deletes answer and all related sub answers.

Extensions:

*a. At any time, the System checks for login:

1. System checks for Admin login.

    1a. Admin is not logged in:

        1. System rejects Admin from entering forum.

        2. System redirects Admin to main page.

        3. System alerts Admin to login.

4a. Administrator decides to not delete question:

    2. System notifies Administrator if deletion is final.

        1a. Administrator declines deletion:

            2. System redirects Administrator back to forum page.

Frequency of Occurrence: When necessary.