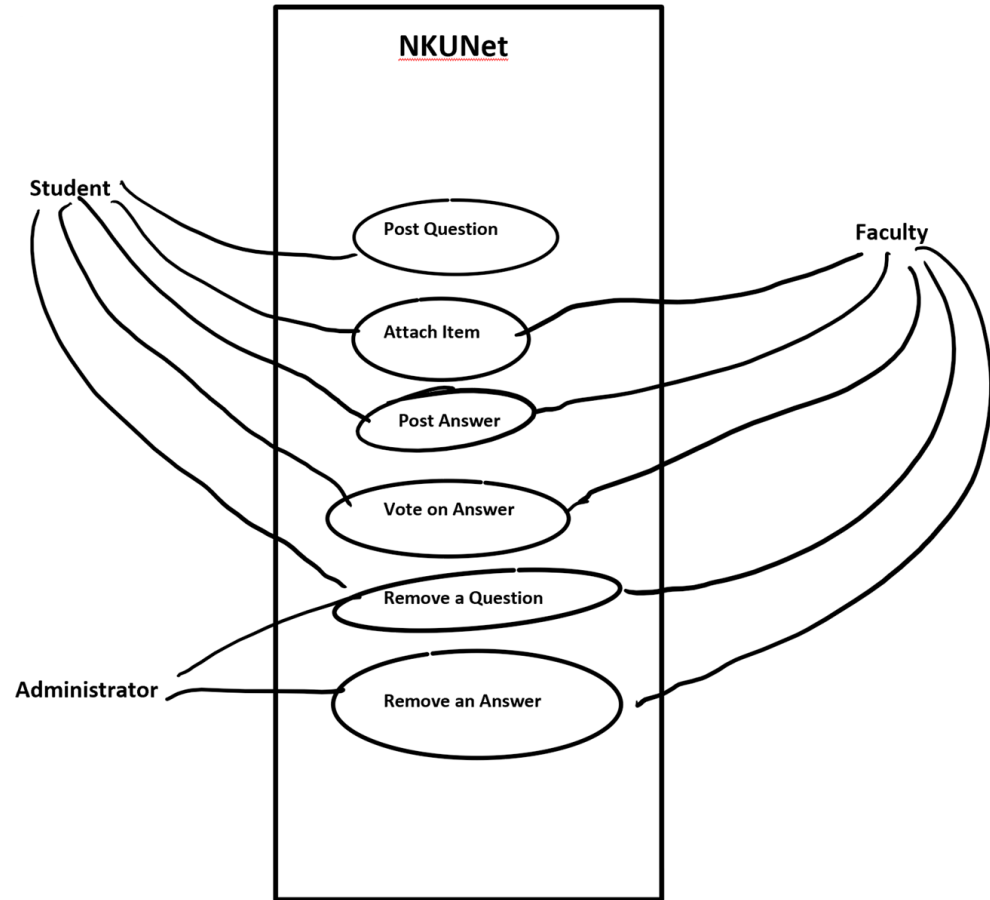# NKUNet

Team ToDo:
Bryan B., Amanda, Dan, and Bryan W.

Use Cases

- Post Question to Forum

- Attach Item to Question

- Post Answer to a Question

- Vote on an Answer

- Remove a Question

- Remove an Answer

Post Question to Forum

Primary Actor: Student

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

Main Success:

- Student selects a forum to view.

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

- System allows Student to enter forum.

- Student posts question in forum.

- System creates timestamp for question.

Extensions:

- *a. At any time, the System checks for login:
  - System checks for Student login.
  - Student is not logged in:
  - System rejects Student from forum.
  - System redirects Student to main page.
  - System alerts Student to login.

- 2a. System sees that Student is not in class:
  - System rejects Student from forum.
  - System redirects Student to main page.
  - System alerts Student that they are not in the class.

- 4a. Student cancels posting question:
  - System alerts Student if they want to cancel post.
  - Student User decides on action.

- 2a. Student accepts canceling post:
  - System redirects Student to forum page.

- 2b. Student declines canceling post:
  - System redirects Student back to create post page.

Attach Item to Question

Primary actor: Student

Success Guarantee: File is attached to the post.

Main Success:

- Student creates a new post.

- Student fills in post.

- Student selects file to attach.

- Student submits post.

Extensions:

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

- 3.a. File does not attach.
  - File size is too large.
  - File format is wrong.

Post Answer to Question

Primary actor: Student

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

Main Success:

- Student selects a forum to view.

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

- System allows Student to enter forum.

- Student posts answer to a question.

- System creates timestamp for answer.

Extensions:

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

- 1a. Student is not logged in:
  - System rejects Student from forum.
  - System redirects Student to main page.
  - System alerts Student to login.

- 2a. System sees that Student is not in class:
  - System rejects Student from forum.
  - System redirects Student to main page.
  - System alerts Student that they are not in the class.

- 4a. Student cancels posting answer:
  - System alerts Student if they want to cancel post.
  - Student User decides on action.

- 2a. Student accepts canceling post:
  - System redirects Student to forum page.

- 2b. Student declines canceling post:
  - System redirects Student back to create post page.

Vote On An Answer

Primary Actor: Student

Success Guarantee: Answer is voted on. Answer is weighted on position based on number of upvotes and downvotes.

Main Success:

- Student enters a forum to view.

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

- System allows Student to enter forum.

- Student selects question in forum.

- Student votes on an answer.

- System reevaluates answers position based on its weight.

Extensions:

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

- 1a. Student is not logged in:
  - System rejects Student from forum.
  - System redirects Student to main page.
  - System alerts Student to login.

- 2a. System sees that Student is not in class:
  - System rejects Student from forum.
  - System redirects Student to main page.
  - System alerts Student that they are not in the class.

- 6a. Answer has a higher upvote count than an answer above:
  - System checks the weights on all answers.
  - System sorts answers from highest upvote count to lowest.

Remove A Question

Primary Actor: Admin

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

Main Success:

- Administrator enters a forum.

- Administrator selects a question.

- Administrator deletes question.

- System deletes question and all associated answers.

Extensions:

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

- 1a. Admin is not logged in:
  - System rejects Admin from entering forum.
  - System redirects Admin to main page.
  - System alerts Admin to login.

- 3a. Administrator decides to not delete question:
  - System notifies Administrator if deletion is final.

- 1a. Administrator declines deletion:
  - System redirects Administrator back to forum page.

Remove An Answer

Primary Actor: Admin

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

Main Success:

- Administrator enters a forum.

- Administrator selects a question.

- Administrator selects an answer.

- System deletes answer and all related sub answers.

Extensions:

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

- 1a. Admin is not logged in:
  - System rejects Admin from entering forum.
  - System redirects Admin to main page.
  - System alerts Admin to login.

- 4a. Administrator decides to not delete question:
  - System notifies Administrator if deletion is final.

- 1a. Administrator declines deletion:
  - System redirects Administrator back to forum page.

Group Discussion

- Dynamic Group Discussion
- Acceptance by Lack of Contradiction
- Refined Multiple and Duplicate Cases