NKUNet

A next generation social network for students, faculty, and alumni to share knowledge and resources

Problem Statement

- Traditional social networks do not cater to the educational needs of Students

- Current social media do not provide tools needed for a single organization to meaningfully interface with users

- Without social media, we see a lack of competition, motif, uniqueness and efficiency

The Solution

NKUNet is a place for faculty and students to share knowledge. It will provide a method to ask questions, write and receive answers, share resources in an academic context

Notable Alternatives and Competition

- **Blackboard**: NKU's current system for hosting online coursework and resources
- **Facebook**: Popular general social media network, does a little of everything
- **Quora**: Website for asking general questions and sharing experiences
- **Stack Overflow**: Suite of websites for sharing and asking questions specific to various disciplines

High-Level Goals and Problems

- Make the system fast and robust
- Make the interface easy to use for any type of user
- Accurate reputation system

Actors:

Student — Help other students by answering questions as accurately as possible

Faculty — Help students by answering questions as accurately as possible

Registrar — Keep the site updated with new users and their schedules

Administrator — Maintains all content created by students and faculty

Product Overview

Features include:

- Questions and Answers
  - Post questions
  - Post answers
  - Rate other users' answers
  - Subject categories sort questions
- Student and Faculty Services
  - Question and answer rating
  - Resource uploads
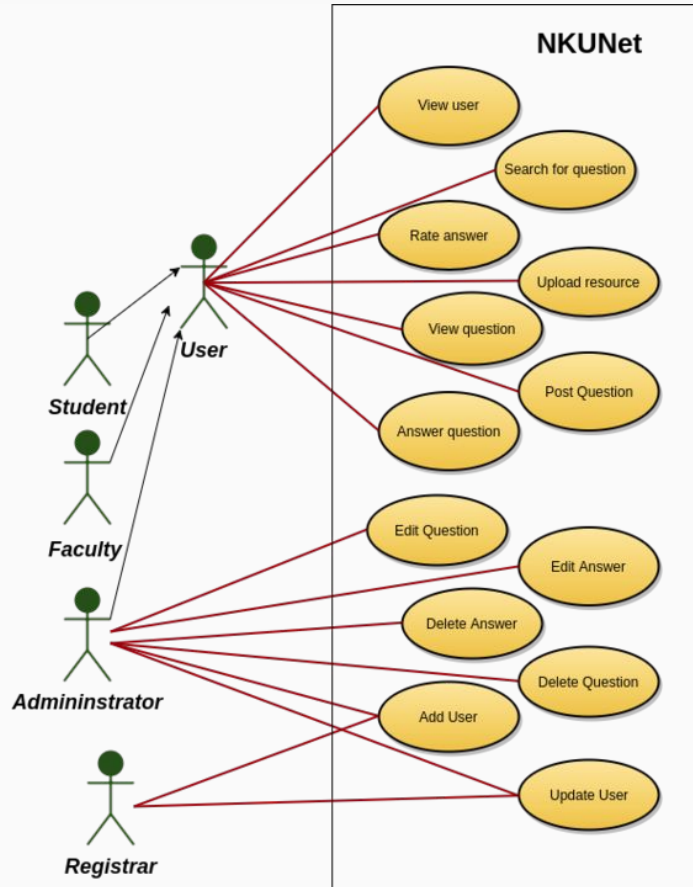 - Class schedule display
  - User page

NKUNet should also:

- Offer same experience across all modern internet browsers
- Be responsive on both mobile and desktop devices
- Be intuitive and easy to use without any prior instruction

Other Requirement and Constraints

- NKUNet should offer the same experience to users regardless of the choice of internet browser
- The system should be responsive to both mobile devices and desktop computers
- The system should be intuitive and easy to use without any formal instruction

Use Case Model

View question

Primary actor: User
Summary: User selects a question to view in detail from a list of abbreviated questions.

Post question

Primary actor: Student, Faculty
Summary: User will click button to create new question in a forum or on their page. Editor window will allow data entry. Submit button will post question for anyone to see.

Answer question

Primary actor: User

Summary: User looks at a question and chooses to answer it. User edits a response and submits. System updates the question with a new answer.

Delete answer

Primary actor: Administrator
Summary: Admin deletes an inappropriate answer to a question.

Edit answer

Primary actor: Administrator
Summary: Admin sees a question that needs to be edited. Admin drafts the edit then submits. System updates the answer.

Edit question

Primary actor: Administrator

Summary: A question text is altered for clarification by either the administration or poster.