

Inception Phase

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Vision

We envision a next generation educational social network site for NKU students, NKUNet, so that students can share vast knowledge and resources with each other. This educational social network aims to break down barriers by creating forums in which students can participate and seek guidance regarding their courses from not only their peers but also faculty members alike.

Use Case UC1: View Forums

Primary actors: Student, faculty, admin, and registrar

Stakeholders and Interests:

1. Student: Wants to view questions posted in forums
2. Faculty: Wants to view questions posted in forums
3. Admin: Wants to view questions posted in forums
4. Registrar: Wants to view questions posted in forums

Preconditions: Questions must be posted in forum to view; user registered in system

Post conditions: Can view questions in the forum.

Summary: Students, faculty, admin, and registrars can view questions that are posted in the forums

Basic Flow:

1. User logs into system to access
2. User selects question to view
3. System directs the user to the corresponding forum page

Use Case UC2: Post Questions

Primary actors: Students, faculty, and admin

Stakeholders and Interests:

1. Students: Want to view and ask questions posted in the forums
2. Faculty: Want to view and ask questions posted in the forums
3. Admin: Want to view and ask questions posted in the forums for testing functionality

Preconditions: Must have proper permissions to ask questions.

Post conditions: Question forum started; other users can comment/answer the question

Summary: Students, faculty, and admin will be able to ask questions in the forums

Basic Flow:

1. User logs in
2. Select post new question
3. Submit question

Use Case UC3: Answer Questions

Primary actors: Students, faculty, admin

Stakeholders and Interests:

1. Students: Want to view and answer questions posted in the forums
2. Faculty: Want to view and answer questions posted in the forums
3. Admin: Want to view and answer questions posted in the forums

Preconditions: Questions must be posted in the forum to answer, must have proper permissions to answer questions.

Post conditions: User answers the question.

Summary: Students, faculty, and admin will be able to answer questions in the forums to be voted upon.

Basic Flow:

1. User logs in
2. Selects question to answer
3. Posts a new answer to the question

Use Case UC4: Vote on Answer

Primary actors: Students, faculty, and admin

Stakeholders and Interests:

1. Students: Can up vote or down vote questions and answers
2. Faculty: Can up vote or down vote questions and answers
3. Admin: Can up vote or down vote questions and answers to test system functionality

Preconditions: Questions must be posted in forum to vote on, must have proper permissions to vote on questions and answers.

Post conditions: Answer is voted upon once but can be changed

Summary: Students, faculty, and admin can vote on answers.

Basic Flow:

1. User logs in
2. Selects question to view
3. Upvote/Downvote specific answers

Use Case UC5: Delete Questions and Answers

Primary actor: Admin

Stakeholders and Interests:

1. Admin: Can delete questions and answers if they are deemed inappropriate

Preconditions: Must be admin to delete questions and answers

Post conditions: Admin can delete questions and answers they deem inappropriate.

Summary: Admin will determine if questions and answers are appropriate to be posted to the forum.

Basic Flow:

1. User logs in
2. Selects inappropriate question/answer to edit/delete
3. Edits/deletes question/answer

Use Case UC6: Create and Delete Users

Primary actors: Admin and registrar

Stakeholders and Interests:

1. Admin: Can create and remove users
2. Registrar: Can create and remove users

Preconditions: Must be Admin or registrar to create and remove users; new user must not exist in system already

Post conditions: Can create and remove users

Summary: Admin and registrar can create and remove users

Basic Flow:

1. User logs in
2. Select to create a new user
3. Attempt to create new user if does not already exist in system
4. New user is created

Use Case UC7: Edit Schedule

Primary actors: Admin and registrar

Stakeholders and Interests:

1. Admin: Can edit the students/faculty schedule
2. Registrar: Can edit the students/faculty schedule

Preconditions: Must be admin or registrar to edit schedules.

Post conditions: Semester schedules updated

Summary: Admin and registrar can edit the schedules of students/faculty for the current semester

Basic Flow:

1. User logs in
2. Navigates to the edit schedule page
3. Submit form to edit the schedule

Use Case UC8: Upload Files

Primary actors: Student and Faculty

Stakeholders and Interests:

1. Students: can upload educational materials (diagrams/tutorials) to profile
2. Faculty: can upload educational materials (diagrams/tutorials) to profile

Preconditions: Must be student or faculty to have an individual profile in order to upload files to said profile.

Post conditions: Files uploaded to profile

Summary: Students and faculty can upload pertinent educational materials to their profile for public viewing

Basic Flow:

1. User logs in
2. Navigates to individual profile
3. Select to upload a file
4. Select file to upload
5. File uploaded and added to profile

