



CSC440 Team Project

PHASE 1: INCEPTION

We are Team 17

- ▶ Members:

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Vision Statement

- ▶ NKUNet will be an educational social network site for NKU students. Students will be able to pose questions to one another, and to faculty members. Questions are then voted on, and answered. Student and faculty users will be able to sign in, and post questions, as well as viewing and answering questions that have been posted by others. Users will be able to vote on the questions that have been asked. Each user has a user profile page that contains their reputation (a score calculated on how their questions have been voted on). If the user is a student, the profile page also contains a link to their class schedule.

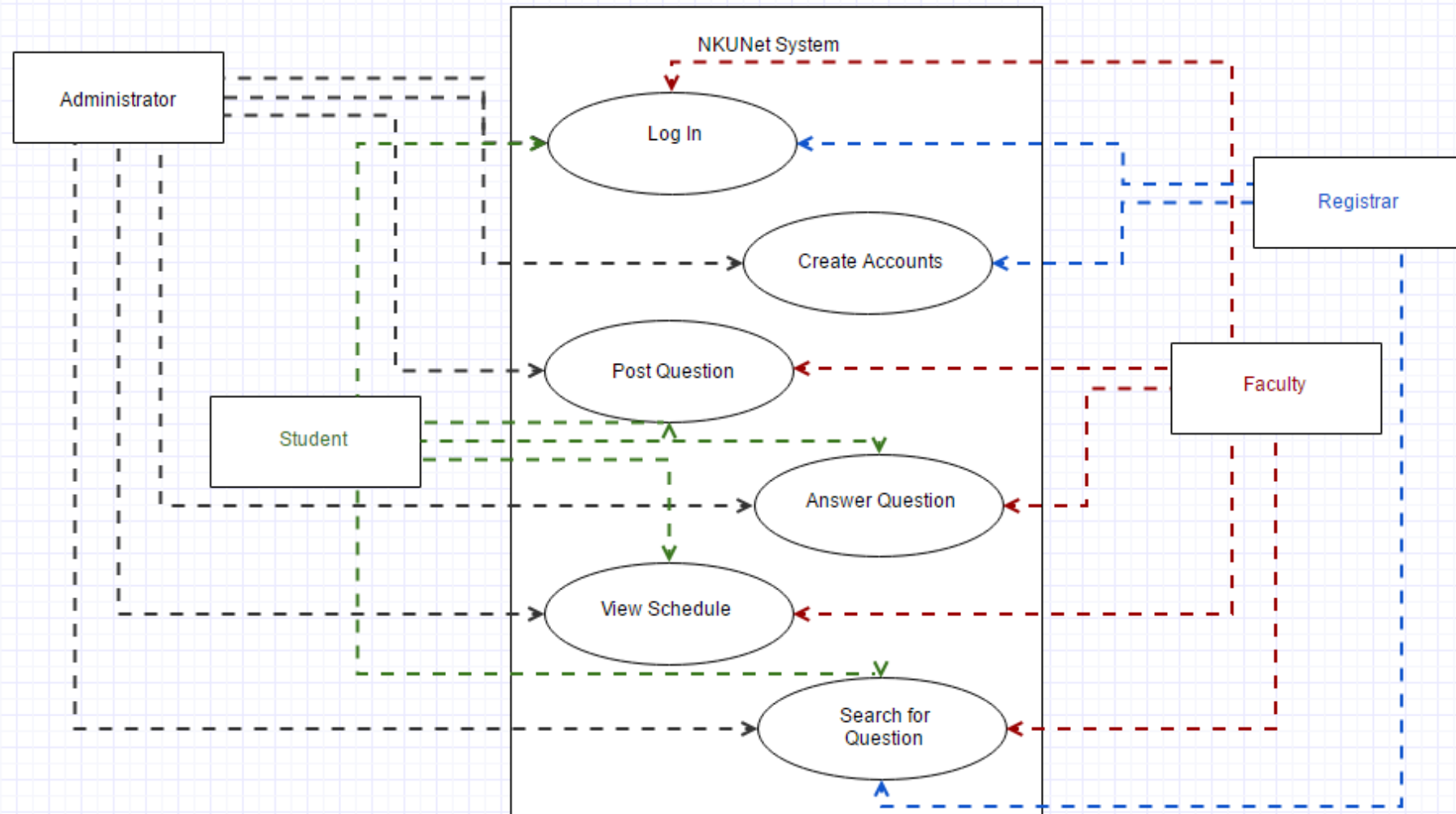
Use Cases and Actors

- ▶ Six Use Cases
 - ▶ Log in
 - ▶ Create accounts
 - ▶ Post Question
 - ▶ Answer question
 - ▶ View Schedule
 - ▶ Search for Questions
- ▶ Four Primary Actors
 - ▶ Student
 - ▶ Faculty
 - ▶ Registrar
 - ▶ Administrator

Use Case Context Model

- ▶ Model was designed in Gliffy, a free online UML drawing tool
- ▶ Model contains the four primary actors, and six use cases
- ▶ Different colors used to separate actors, since the lines cross often

Use Case Context Model



Use Case 1: Log In

- ▶ **Primary Actors:** Administrator, Student, Faculty, Registrar
- ▶ **Summary:** The user navigates to the landing page, types in their username and password then is redirected to the homepage

Use Case 2: Create Accounts

- ▶ **Primary Actors:** Administrator, Registrar
- ▶ **Summary:** The user logs into the system, navigates to the admin page, and selects create users. The user can either complete a form by entering the first name, last name, account name, and password of the account to create, or they can upload a csv file containing a list of these values. Uploading a csv file will bulk add users. If an administrator is creating a user, they will also have the option to specify if the new user will also be an administrator

Use Case 3: Post Question

- ▶ **Primary Actors:** Student
- ▶ **Summary:** The Student navigates to the question board. Student selects new question option, enters question, and selects post. The question is then posted to the question board.

Use Case 4: Answer Question

- ▶ **Primary Actors:** Student, Faculty
- ▶ **Summary:** The Student navigates to the question board. Student selects the question they want to answer, enters response, and selects post. The response is then posted to the original question.

Use Case 5: View Schedule

- ▶ **Primary Actors:** Student
- ▶ **Summary:** The user logs into the system. The user then clicks on view schedule and then views their schedule. They log out of the system when they are done.

Use Case 6: Search Questions

- ▶ **Primary Actors:** Student, Faculty
- ▶ **Summary:** The user logs into the system and clicks on search. The user then types in search words to find a similar question. The user then can click on the thread with a similar question or creates their own. The user then logs out of the system when they are done.