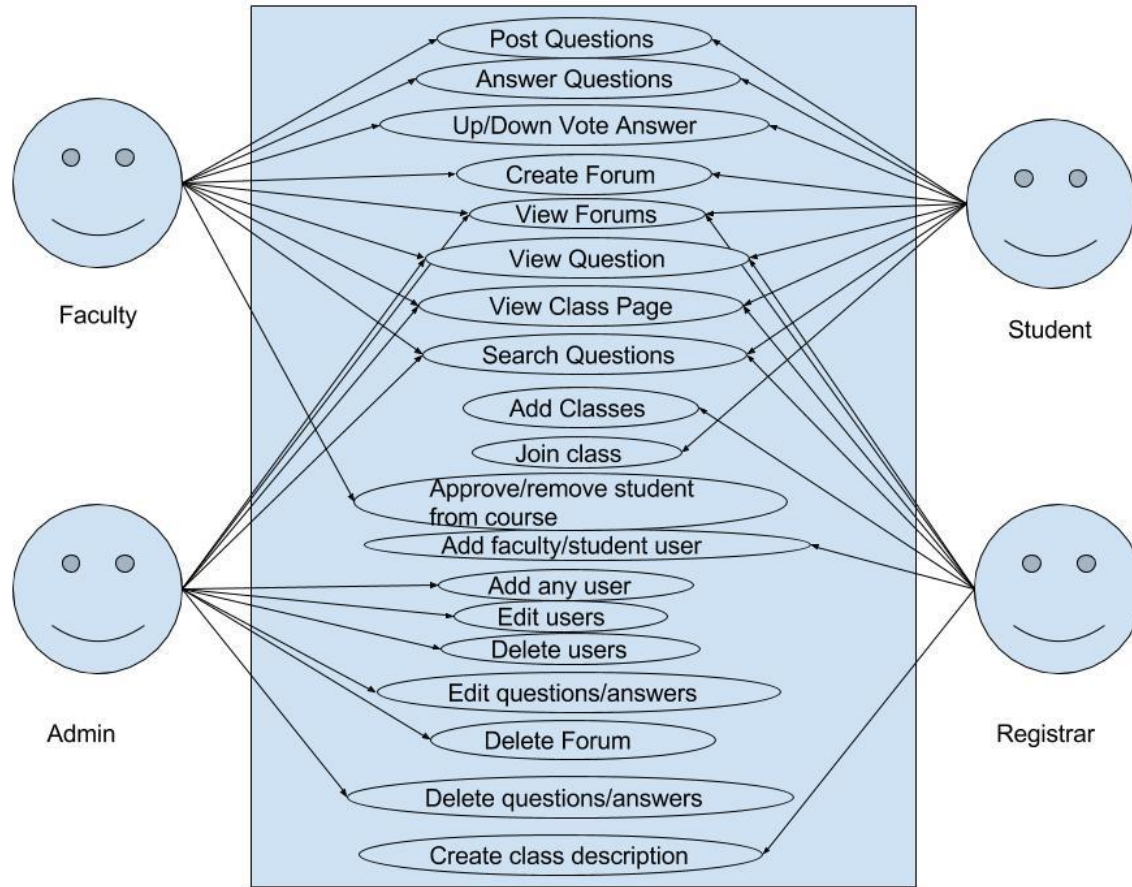


Inception Phase

Three Amigos (aka Matt, Aubrey, Lauren)

Use Case Model



Use Case 1: Post Questions

Primary Actor: Faculty and Student

Stakeholders and Interests:

- Faculty and Student: Post questions in forum to be answered

Preconditions: Finding the corresponding forum related to the question and posting the question

Postconditions: Question has been posted to the correct forum for other users to participate in the forum

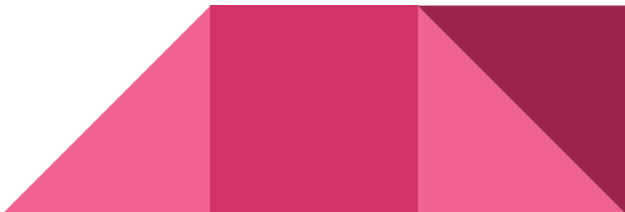
Summary: A user wants to post a question to a forum related to their question. The question is posted and is a part of the forum. Other users can now answer and or ask follow up questions.

Basic Flow:

1. User has a question that they want to discuss
2. User locates the forum related to their question
3. User posts question

Alternate Flow:

2. User has a question that doesn't relate with any created forum
 - User can post it in the incorrect forum
 - Or, User contacts Administrator with request to create a forum



Use Case 2: Answer Questions

Primary Actor: Faculty and Student

Stakeholders and Interests:

- Faculty and Student: Post answers to questions that were posted by other users

Preconditions: Observing different questions that are posted in a given forum and coming across a question that the user has an answer to

Postconditions: An answer to a question that was posted is posted

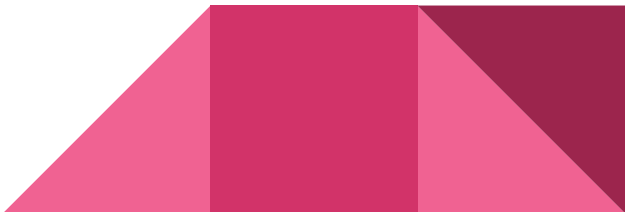
Summary: A user comes across a question that they have an answer to and post it to the forum where other users can observe the forum after it has been updated

Basic Flow:

1. User visits different forums.
2. User reads posted questions.
3. User discovers a question that they have an answer to.
4. User posts the answer to the question on the forum.

Alternate Flow:

3. User never comes across a question that they have an answer to
- User doesn't post anything



Use Case 3: Up/Down Vote Answer

Primary Actor: Student and Faculty Member

Stakeholders and Interests:

- Student: wants reliable answers to questions
- Faculty Member: wants students to have access to correct answers

Preconditions: Student and Faculty are identified and authenticated

Postconditions: Question is given an up or down vote by user, user's reputation is calculated

Summary: Student and/or Faculty member reads question, decides if they agree with the answer given, then clicks the up or down arrow to vote appropriately. User's reputation is calculated

Basic Flow:

1. Student/Faculty reads answer.
2. User decides if they agree with answer.
3. User clicks up or down arrow to show their decision.
4. User's reputation is calculated.

Alternating Flow:

2. User doesn't think answer makes sense
 - User doesn't vote up or down
 - Marks as inappropriate



Use Case 4: View Forums

Primary Actor: Student, Faculty, Admin, and Registrar

Preconditions: User is identified and authenticated

Postconditions: Forum is displayed

Summary: Click on forum, a list of questions and summary information (who asked question, date and time question was asked, number of answers, date and time of last answer)

Basic Flow:

1. User clicks on a forum.
2. System presents list of questions.
3. System presents summary information, which includes who asked question, date and time question was asked, number of answers, date and time of last answer.

Alternating Flow:

1. User doesn't click on a forum
 - Forum isn't presented to user



Use Case 5: Add Class

Primary Actor: Registrar

Stakeholders and Interests:

- Students: want to know who is in their class

Preconditions: User is identified and authenticated as a registrar.

Postconditions: Class page is generated for classes which don't already exist in system.

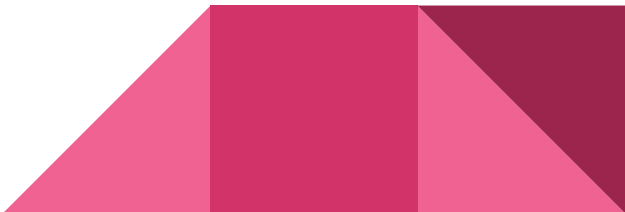
Summary: Registrar creates classes for the current semester, so that students can connect their current courses to their profile page.

Basic Flow:

1. Registrar inputs class identifier.
2. Registrar inputs faculty identifier for instructor.
3. Registrar inputs class information.
4. Registrar saves class.

Alternate Flow:

1. Class already exists.
 - Registrar edits class information.
 - Registrar saves class.
2. System can't find faculty member.
 - Registrar adds faculty user.
 - Proceeds to step 3.



Use Case 6: Delete Users

Primary Actor: System Admin

Stakeholders and Interests:

- Students: want up to date answers from other users that, for example, a 20 year alum won't be able to provide.
- Faculty and Board of Regents: want a safe platform for students to converse, so multiple time offenders should lose privileges to post.

Preconditions: User is authenticated and identified as admin.

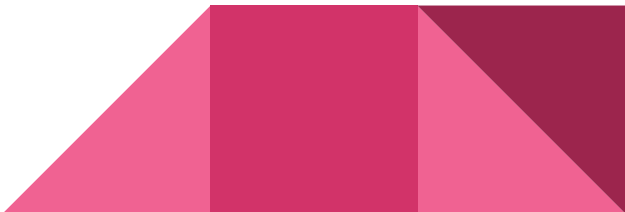
Postconditions: Deleted user no longer has access to system.

Basic Flow:

1. Admin enters identifying information of user into system.
2. System finds user.
3. Admin deletes user.

Alternate Flow:

2. The system doesn't find the user.
- System prevents the deletion.



Disagreement

Class Descriptions

Registrar Responsibilities

Unrealistic for Registrar to add courses for all students

