USE CASES FOR ClassPulse:

2.1 Login

Intent: Allows us to access the ClassPulse System

Scope: ClassPulse

Primary Actors: Teachers, TA, Students

Preconditions: The user needs to register with their email id and password

Postconditions: Sunny-day-1: User moves to the next screen

Sunny day-2: User resets the password and tries to login again, on succcess moves to the next screen

Rainy day-1: Email does not match with the registered email, Access denied

Rainy day-2:Password does not match with registered email, Access denied

2.1.1. Sunny day-1

1. The scenario begins with the users providing their registered email/username and password

2. On successfully authentication the users is able to move to the next screen

2.1.2. Sunny day-2

1. The scenario begins with the user providing their registered email address and password

2. The password does not match with the registered information

3. Access is denied

4. There is prompt telling the user about the mismatch

5. The user can use the forget password use case to reset password

6. The user provides the registered email and resets the password

7. The user tries to login again with the new credential

8. The user moves to the next screen

2.2.3. Rainy day-1

1. The scenario begins with the user providing their registered email address and password

2. The provided email does not match with registered email

3. The user is denied access with a prompt telling that the email is not registered with the system

2.2.4. Rainy day-2

1. The scenario begins with the user providing their registered email id/username and password

2. The password does not match with the provided password

3. Access is denied to the user

4. There is a prompt on the screen telling the password does not match with the registered password

2.2 Give Feedback

Intent: Allows TA's and students to give feedback for a course they are registered for.

Scope: ClassPulse

Primary Actors: TA, Students

Preconditions: Successful login, registered in the course.

Postconditions: Sunny day-1: The user is able to give feedback if they are registered for a course as a student or TA

Rainy day-1: The user is not able to give feedback if they have not registred for that course for a semester

2.2.1 Sunny day-1:

1. The scenario begins with the user providing their registered email/username and password.

2. Upon successful authentication, the user is directed to their course dashboard.

3. The user, who is registered as a student for the course, navigates to the feedback section.

4. The system recognizes the user's registration status and allows them to provide feedback.

2.2.2 Rainy day-1:

1. The scenario begins with the user providing their registered email/username and password.

2. Upon successful authentication, the user is directed to their course dashboard.

3. The user, who hasn't registered for the course, attempts to access the feedback section.

4. The system detects that the user is not registered and notifies them that they cannot provide feedback.

2.3 Register

Intent: The user is able to register by using their email address (with syr domain name) and provide a password for future

Scope: ClassPulse

Primary Actors: Teachers, TA, Students

Preconditions: The user needs a syr domain email address.

Postconditions: Sunny day-1: The email authentication is successful and the user profile gets created, the user is then taken to the login page Login

Rainy day-1: The email does not have syr domain name and the user cannot be registered

2.3.1. Sunny day-1

1. The scenario begins with the user providing an email address

2. The user also sets a password for future use

3. Clicking the register button saves their details after verifying the domain name of the email address

2.3.2. Rainy day-1

1. The scenario begins with the user providing an email address

2. The user also sets a password for future use

3. The user cannot register without the correct the domain name of the email address

2.4 View Feedback

Intent: The TA/ Teacher logs in the system can view the feedback for the courses they have been allotted

Scope: ClassPulse

Primary Actors: Teachers, TA

Preconditions: Successful login, User needs to be registered to a particular course to view feedback

Postconditions: Sunny day-1: Redirected to the view feedback screen

Rainy day-1: If the TA/Course instructor are not taking that course for that semester they cannot view the feedback

2.4.1. Sunny day-1:

1. Scenario begins with the user on their home screen

2. The screen lists the registered courses

3. View button on the re-directs the user to the relevant course to view feedback.

2.4.2. Rainy day-1

1. Scenario begins with the user on their home screen

2. The screen lists the registered courses

3. View button fails to show the registered courses if they TA/CI are not registered for any courses.

Finalized USE CASE Diagram:

A diagram of a user flow

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