Tyler Elton

CSC483 - Winter 2018

Dr. Allison

Group members: Jason Moehlman, Zach Nelson, Gary Landrum, Brandon Krug

Group name: Team ; DROP DATABASE;--

Use case ID: wb-03 - Issue Assignments

Senario

Actor: A CS instructor for a course

Pre-conditions:

1. Web page has been activated.
2. The instructor must be logged into the system.

Description:

1. *Use case begins* when the instructor clicks on the link associated with the course they wish to issue an assignment for.
2. The instructor shall click on the Assignments link which will bring them to a list of currently assigned/posted assignments for that course.
3. The instructor shall click on the "Issue Assignment" button. The system will redirect the instructor to a form to fill out with the assignment's information (title, description, due date, etc.). The instructor shall also choose a display date for the assignment to choose when to display the assignment to the students of the course.
4. The instructor shall enter all of the appropriate information and then click on the "Issue Assignment" button to submit their request.
5. *Use case ends* when the system notifies the instructor if the request was successful or not, redirecting them to the individual assignment page if successful, or to the listing of all assignments page if unsuccessful.

Alternative Courses of Action:

1. In step D.3 (step 3 of the Description section), the instructor has the option to click a Cancel button to cancel the creation of the assignment.

Exceptions:

1. The website cannot connect to the database to pull all of the available assignments. This will not allow the creation of another assignment.

Related Use Cases: **None**

Decision Support:

Frequency: On average, at least 1-2 assignments are issued a week by an instructor per course.
Criticality: High. Allows the instructor to report any problems encountered with the system.
Risk: Medium. Implementing this use case employs standard web-based technology.

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Constraints:

1. *Performance* - must keep up with many requests to issue multiple assignments by multiple instructors for all of the courses.
2. *Reliability* - must be readily available at all times to keep up with the multiple requests.
3. *Availability* - must be available at all times and be available anywhere (on/off campus).
4. *Maintainability* - must be maintained throughout the lifetime of the system.