

Part II: Use Case Description – Scenario

- Use Case Name: Submit Assignments
- Actors: Instructors and Students
- Stakeholders and Needs: Students who have access to Canvas can submit their assignments.
- Preconditions: Assignments passes the requirement and are submitted before the due date.
- Post conditions: Assignments will be successfully submitted and graded.
- Trigger: Grade, Due Date, Requirement, Review
- Basic Flow:
 1. The instructors post the new assignments.
 2. The students can review the assignments.
 3. The students submit the assignments on time before the due date (through Canvas).
 4. The Canvas system shows successfully submitted.
- Extensions:
 - 3a. The students do not submit the assignments on time
 - 3a.1 The Canvas system will not allow the late assignments
 - 3b. The students upload the wrong file type for the assignments.
 - 3b.1 The Canvas system displays unsuccessfully submission message.
 - 4a. The Canvas system is down
 - 4a.1 Students must email the instructors and try to submit their assignments again

Part III: Interaction Design Principles

SAC:

Simplicity: The designs of the Canvas homepage are very simple and well structured. The left corner of the website displays the Sac State logo as the theme of the site. The navigation menus (account, dashboard, courses, calendar, inbox, help) are simple to understand.

Accessibility: Canvas Instructure is now used by more than 3000 universities, school, and institutions in the world.

Consistency: Although there are different versions of Canvas for each school and universities, there are similar codes, designs, formats, and layouts.

CAP:

Contrast: Toolbar icons are simple with good contrast and few colors (white, green, black). Also, each class under dashboard have different colors.

Alignment: The Canvas website looks clean with basic elements: Dashboard, To Do, Recent Feedback, View Grades, Courses, Inbox, Help. This helps new users to Canvas to navigate the website without many difficulties.

Proximity: Related items are clear together. For example, class sections stay together under one slide. Assignments stay under To Do taskbar and grades stay under Recent Feedback bar.

FeVER:

Feedback: The Canvas site has the account navigation link that shows the users' name.

Visibility: Users can resubmit their assignments before the due date. Also, when the users upload their assignments, they have to wait before the system displays "Submitted!" Users can also click on the file they just upload to see the details.

Error Prevention: At the login page, if the user enters wrong passwords or wrong usernames, they cannot login.

Recovery: The login page provides navigation links to manage the users' passwords if they forget and want to change the passwords.