Part I: Use Case

Submit Assignments

Student

Professor

Undated Assignments

Past Assignments

Show by Type

Over Due Assignments

<<include>>   <<include>>   <<extend>>

<<include>>   <<extend>>   Show by Date

Select Assignments

1..*   1

<<include>>

Upcoming Assignments

<<include>>   <<extend>>

Submit Assignment

Resubmit Assignement

File Upload

Office 365

<<extend>>   <<extend>>

Choose File

Add Another File
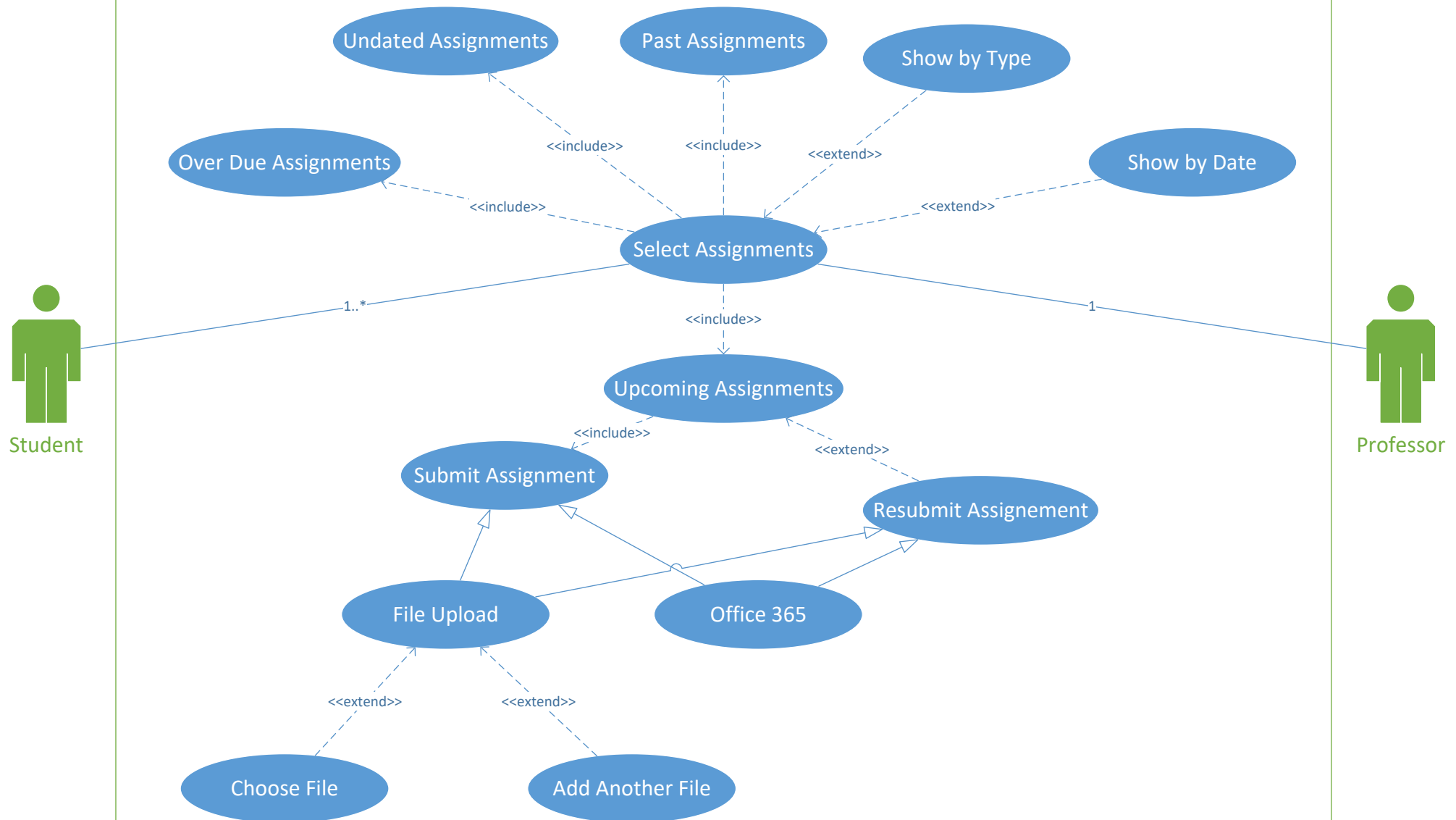
Part II: Use Case Description – Scenario

Use Case Name: Quizzes

Actors: Student and Professor

Stakeholders and Needs:

- Must have an appropriate title to differentiate between different quizzes.

- If applicable, must show time limit for quiz.

- If applicable, must show due date and provide a submission option.

- If applicable, show quiz answers/results after submission is entered.

- Notify when quiz is published.

Preconditions:

- Course for which quiz is being viewed should be listed

- Quizzes with appropriate names and due dates should be listed

Post conditions:

- Student should be able to review their answers/feedback or view file submissions

- Student should be able to see grade for quiz

Trigger: Professor publishes a quiz which the student will take and receive a grade upon completion.

Basic Flow:

1. A quiz is published

2. The student is notified

3. The student takes the quiz

4. The student receives grade upon completion

Extensions:

- A button to retake quiz if multiple attempts are allowed

- A button to review previous attempts

Part III: Interaction Design Principles

SAC:

- Simplicity: Canvas is simple and user friendly as a user can access a specific
  entity under a specific tab. For example, if a student wants to check their grade,
  they only must select the course they wish to view and select the grade tab.

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- Accessibility: A user can use any desktop, laptop, or mobile device to interact
  with the Canvas interface. Canvas also allows the user to toggle features such as
  High Contrast UI and Underline Links which accommodate people with
  disabilities.

Feature Options

User

Feature	State
› Autodetect field separators in compatible spreadsheet exports	⊗
⌄ Disable Alert Notification Timeouts Enabling this feature gets rid of the timeout for alert notifications that pop up, giving the user as much time as they need to read the notification over and dismiss it when they are finished.	⊗
› Disable Celebration Animations	⊗
⌄ Disable Keyboard Shortcuts Disable Canvas keyboard shortcuts. Some users using screenreaders or keyboard navigation will have an improved experience with these shortcuts turned off.	⊗
⌄ High Contrast UI High Contrast enhances the color contrast of the UI (text, buttons, etc.), making those items more distinct and easier to identify. Note: Institution branding will be disabled.	⊗
› Include Byte-Order Mark in compatible spreadsheet exports	⊗
› Underline Links	⊗
› Use semicolons to separate fields in compatible spreadsheet exports	⊗

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- ▪ Consistency: Canvas uses the same tab order as well as grouping everything appropriately across all courses. For example, if a user selects a course, the tabs: Home, Announcements, Assignments, Discussions, Grades, etc. will be the same order as other courses.

CSC 131-01 ›	CSC 137-04
Spring 2021	*Spring 2021*
Home	Home
Announcements	Announcements
Assignments	Assignments
Discussions	Discussions
Grades	Grades
People	People
Files	Files
Syllabus	Syllabus
Quizzes	Collaborations
Modules	Office 365
Collaborations	Follett Discover
Office 365	Smarthinking Online Tutoring
Follett Discover	StudyMate
Smarthinking Online Tutoring	Zoom
StudyMate	Labster Dashboard
Zoom	Library Resources and Help
Labster Dashboard	
Library Resources and Help	

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CAP:

- ▪ Contrast: One example of contrast in Canvas is the Green text boxes that appear when a student can submit an assignment or add a new discussion topic.

HW04- Use Case, Scenarios, UI Design

Submit Assignment

Due Friday by 11:59pm   Points 100   Submitting a file upload   File Types pdf
Available Feb 23 at 11:59pm - Mar 19 at 11:59pm 24 days

Instructions: Use Case-Scenarios-Interaction Design.docx

Submission: Please submit a PDF version of the worksheet through Canvas.

FYI:

- Instructions on how to download Visio 2016.pdf
- Alternative to Visio

PLEASE NOTE: You may complete the UI Design after our class on Interaction Design.

After completing both, you may submit the assignment.

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- Alignment: Canvas uses a grid like pattern to display grades where the assignment names, their due dates, and scores are shown in a formal manner.

Course	Arrange By			
CSC131 Computer Softwar ∨	Due Date ∨	Apply		

| Name	Due	Status	Score	Out of
CodingBat-1 (AP-1)	Feb 8 by 11:59pm		50	50
CodingBat - 2 (String-3)	Feb 22 by 11:59pm	📄		50
One Picture, One Paragraph	Feb 26 by 11:59pm	📄		25
HW02 Activity Diagram (Find Max)	Mar 5 by 11:59pm	📄		50
HW01 Activity Diagram (fork/join)	Mar 8 by 11:59pm	📄		50
Lab01 - Using the Debugger	Mar 8 by 11:59pm	∅		100
HW03- Class and Sequence Diagram	Mar 12 by 3pm	-		110
HW04- Use Case, Scenarios, UI Design	Mar 12 by 11:59pm	-		100
Lab02-Github	Mar 12 by 11:59pm	∅		100
Mid Term -- Part 2 (Scrum Reading Summary) submit PDF document	Mar 15 by 11:59pm	∅		100

- Proximity: One example shown is Canvas is when a student clicks on the Courses tab, all his or her courses are shown in a pop up tab. Only courses are shown since they belong to the same group.
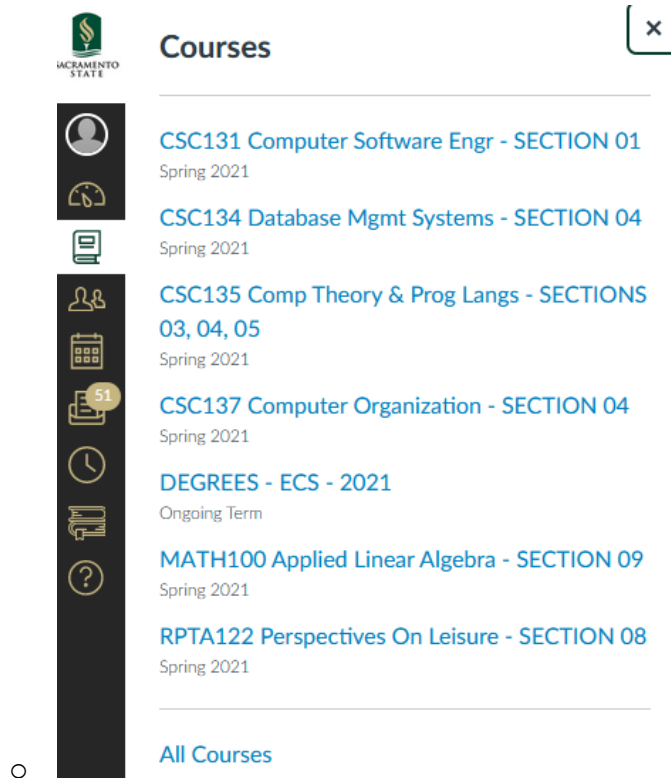

FeVER:

- Feedback: After submitting an assignment, Canvas will have the following message to let the user know the submission was successful, failed, or queued for uploading.
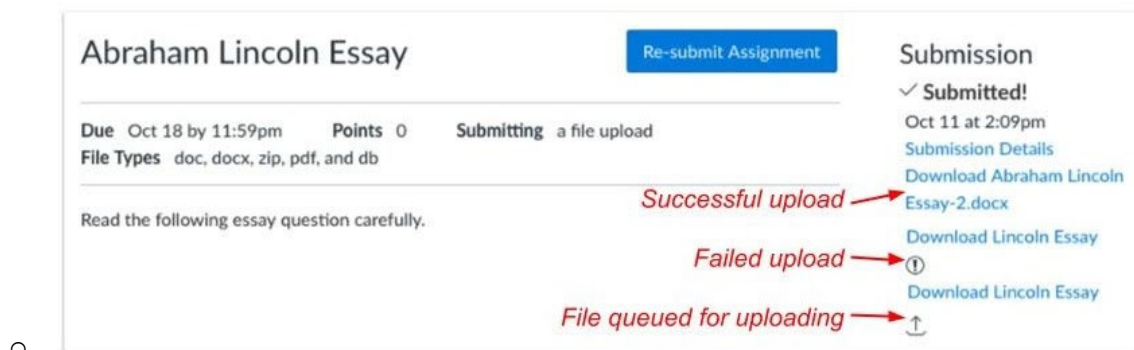
- Visibility: When accessing the files uploaded by another user on Canvas, the user is able to see options such as Download or Alternative formats by clicking the three dots to the right of the file.

- Error Prevention: One example of error prevention that Canvas has implemented is when a user provides invalid login credentials. Below is an example of an error message when a user enters an invalid username.
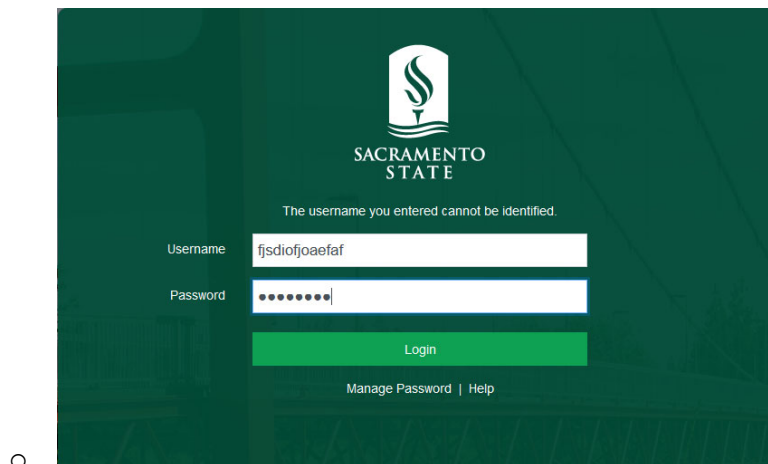
- Recovery: One recovery method that Canvas has implemented is allowing a student to resubmit an assignment before the due date.