

Assignment 4

Group 10

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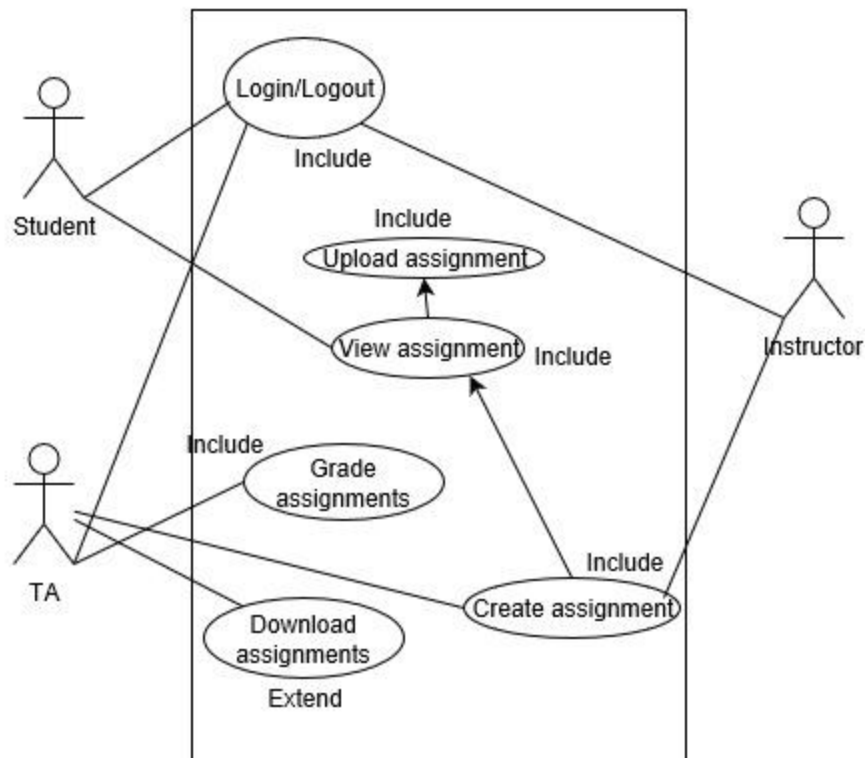
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Use Case Diagram

Designed by Evan Buchanon

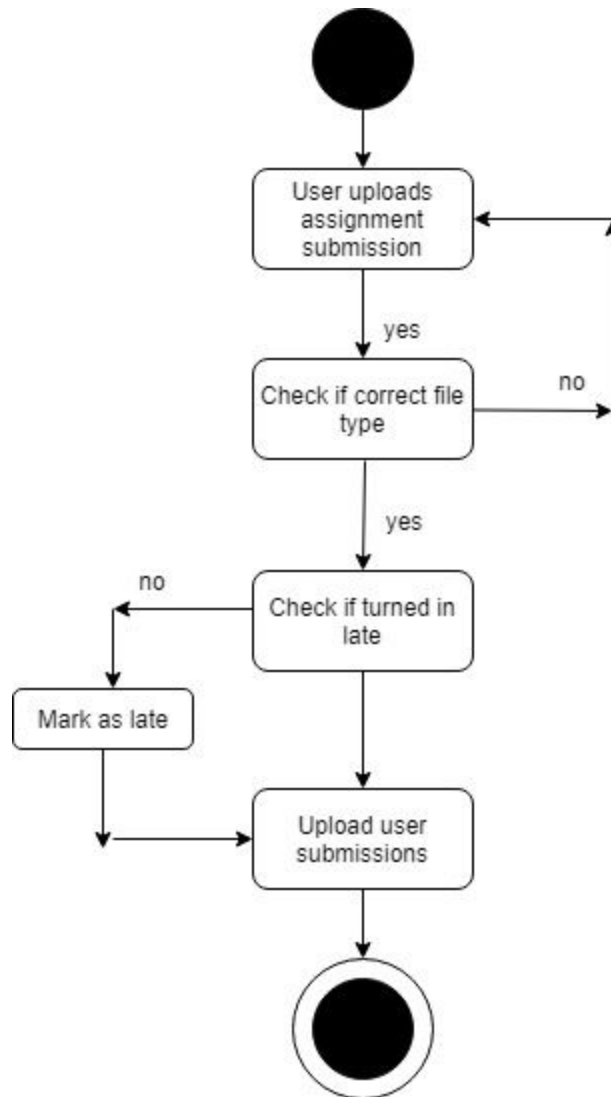
Reviewed by Jacob Alongi & Kyle Malisos

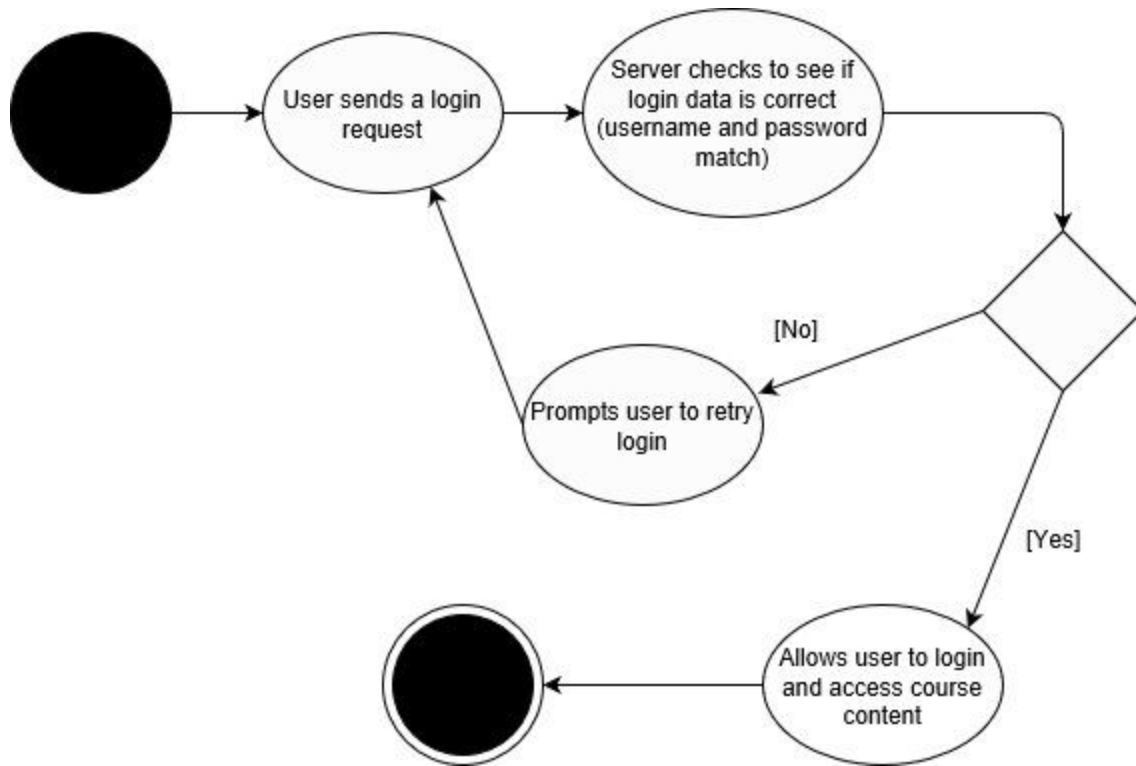
Use Case diagram for grading an assignment



Use Case description:

This Use Case diagram is showing how assignments are graded. It includes three actors (student, TA, and Instructor), functions that are critical to being able to grade an assignment (such as creating an assignment and logging in/out), and extended functions like downloading an assignment, which is useful but not required. This system would be used in conjunction with the overall student submission system, similar to Canvas. As such, there are other functions in here that are important to grading an assignment, such as uploading assignment.

Activity Diagram 1**Designed** by Kyle Malisos**Reviewed** by Jacob Alongi & Evan Buchanan**User file upload**

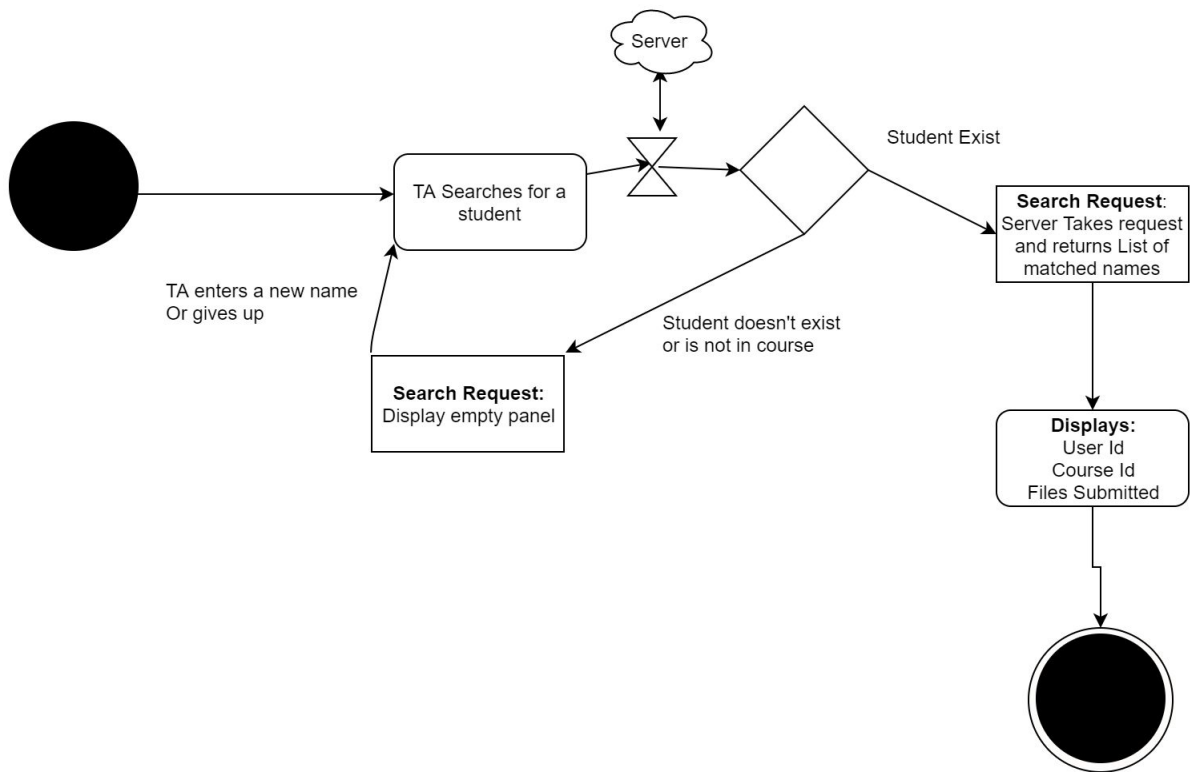
Activity Diagram 2**Designed** by Evan Buchanan**Reviewed** by Jacob Alongi & Kyle Malisos**User login**

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Activity Diagram 3

Designed by Jacob Alongi

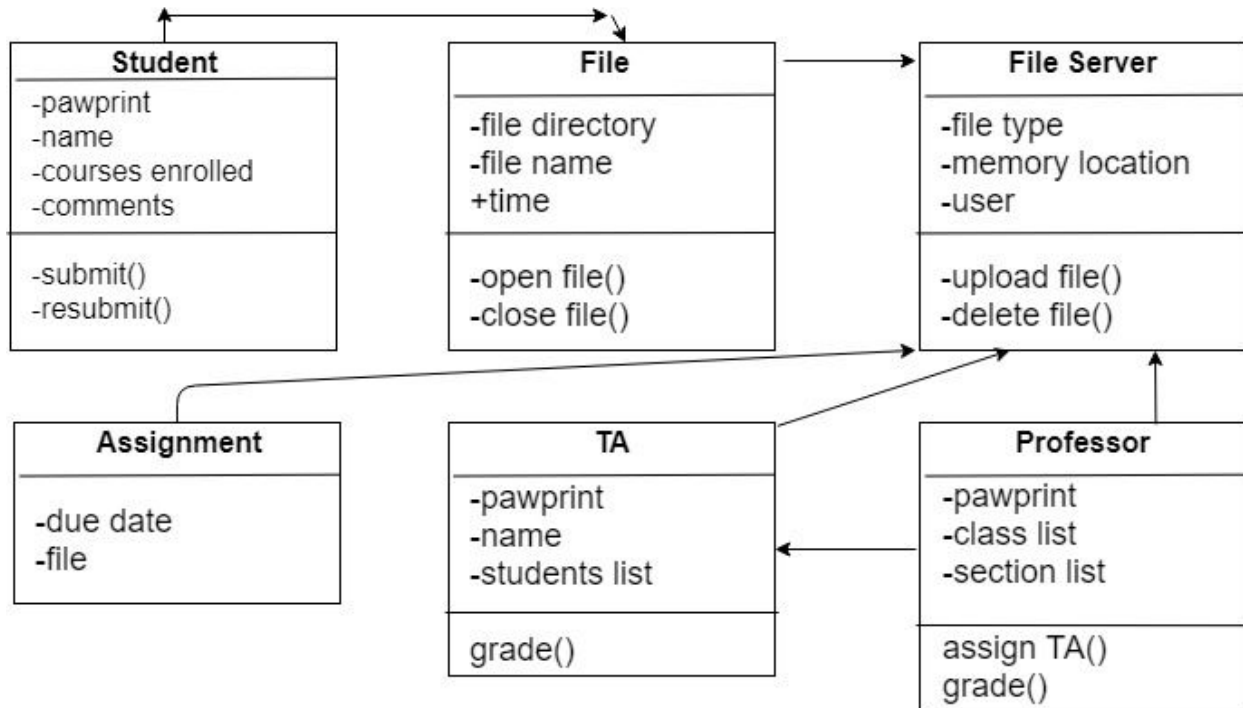
Reviewed by Kyle Malisos & Evan Buchanan



Class Diagram

Designed by Jacob Alongi | Kyle Malisos | Evan Buchanon

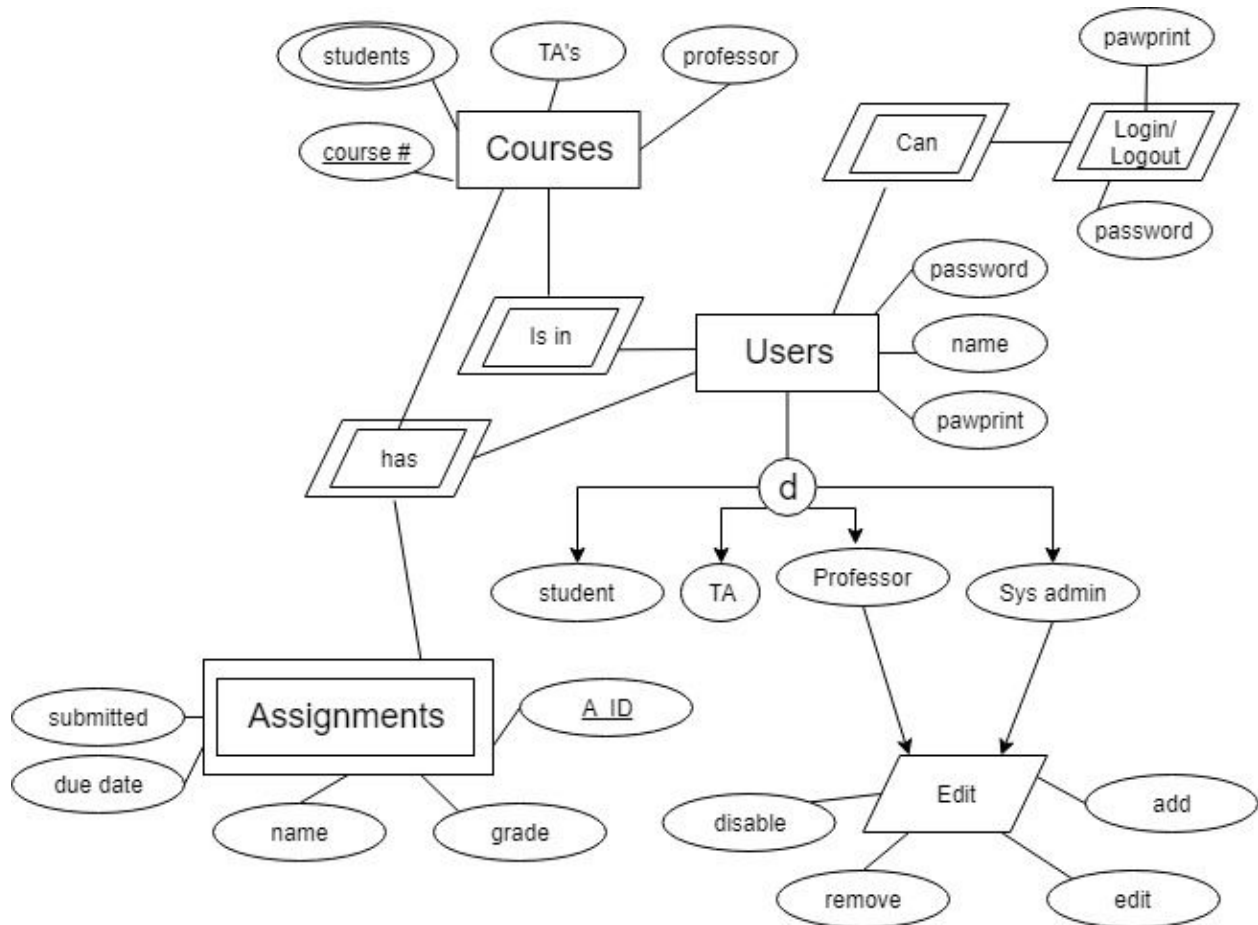
Reviewed by Jacob Alongi | Kyle Malisos | Evan Buchanon

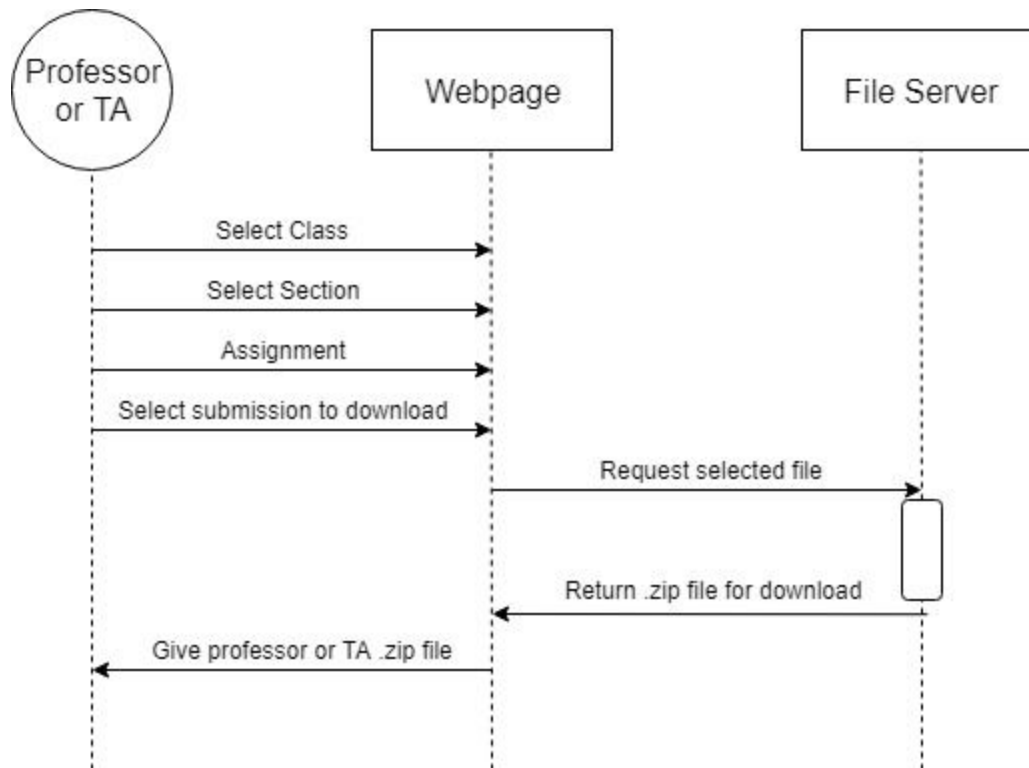


Entity Relationship Diagram

Designed by Jacob Alongi | Kyle Malisos | Evan Buchanon

Reviewed by Jacob Alongi | Kyle Malisos | Evan Buchanon



Sequence Diagram**Designed** by Kyle Malisos**Reviewed** by Jake Alongi & Evan Buchanan**Downloading a student submission**

Finite State Machine
Designed by Evan Buchanon
Reviewed by Jacob Alongi & Kyle Malisos

State machine for
submitted
assignment

