

Group Project 1

Jeremy Breese

Zachary Burkholder

Christina Roberts

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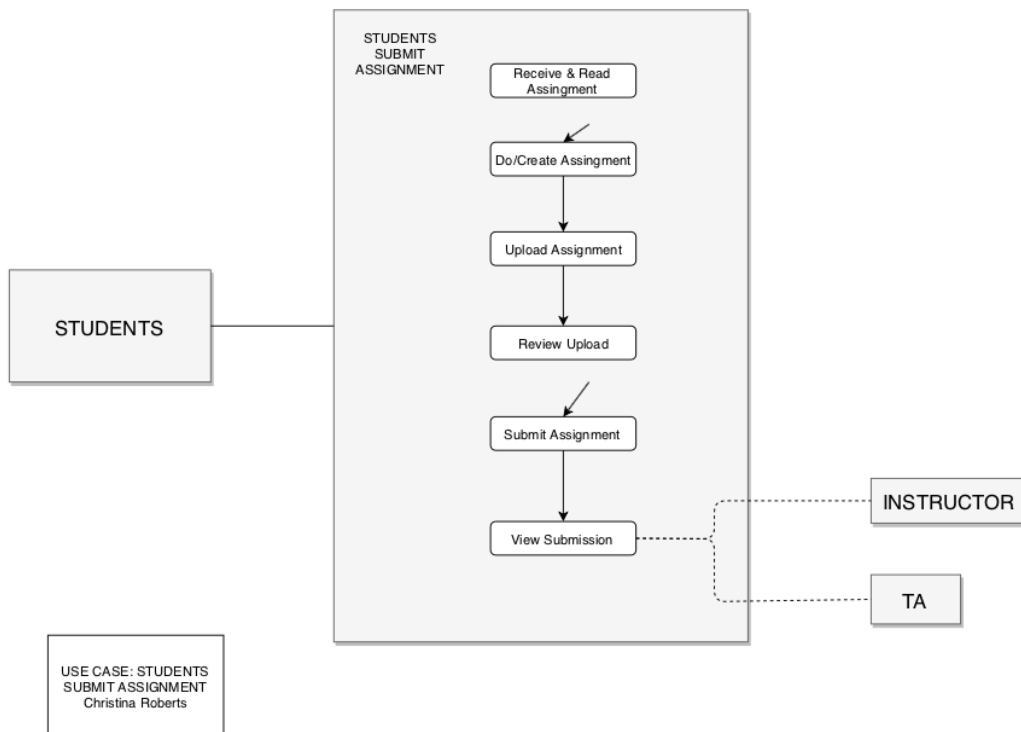
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Use Case Diagram

Created by: Christina

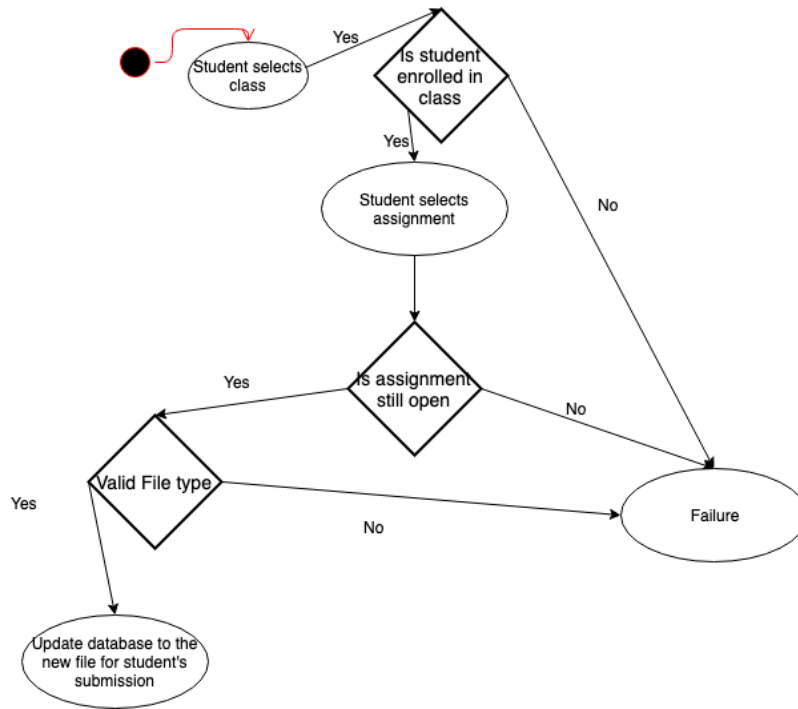
Reviewed by: Jeremy



Activity Diagram #1

Created by: Jeremy

Reviewed by: Zachary

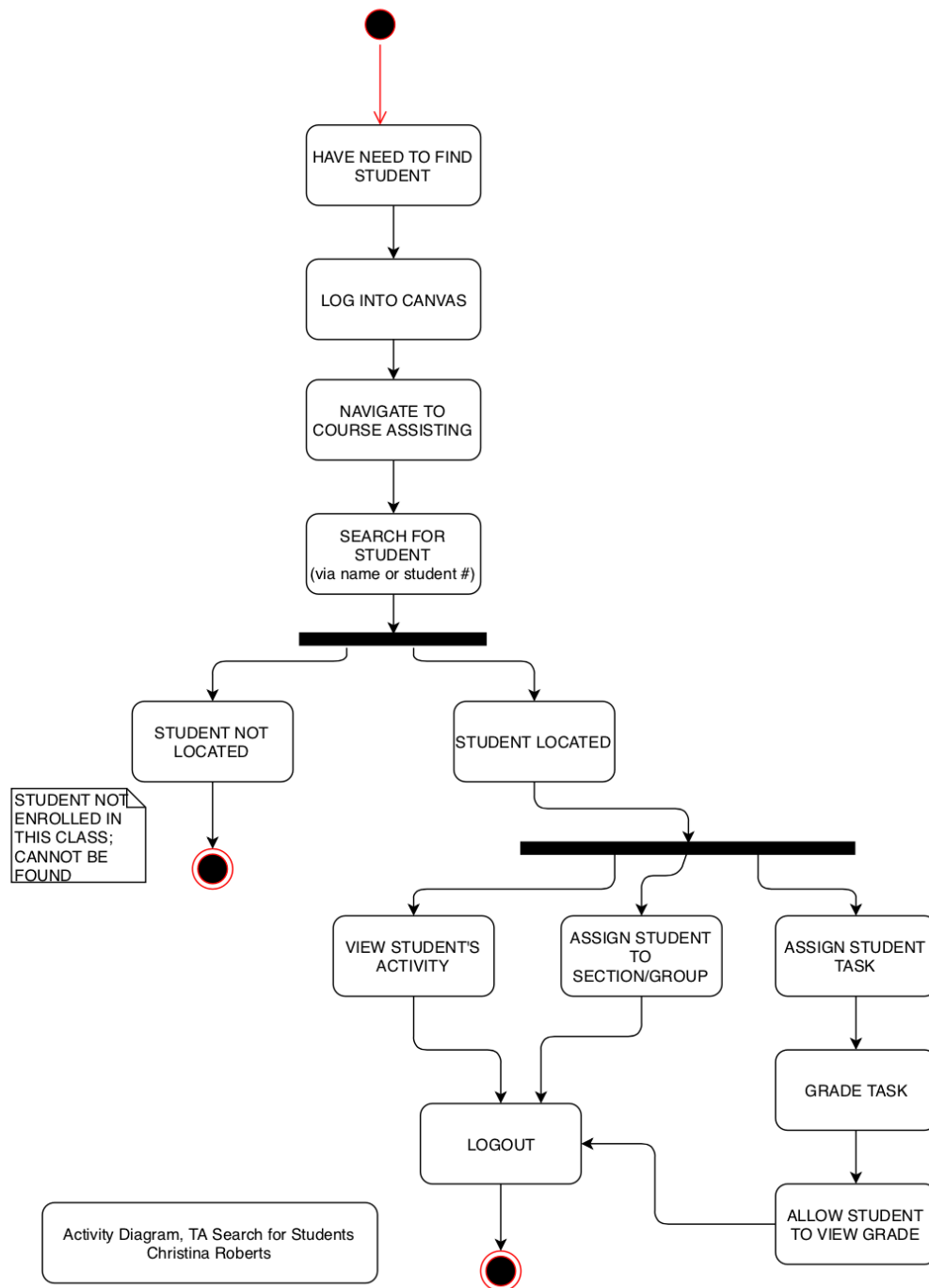


This diagram is for the student to resubmit an assignment. The activity checks that the student is enrolled in the course, that the assignment is still open, and that there is a valid file type.

Activity Diagram #2

Created by: Christina

Reviewed by: Jeremy

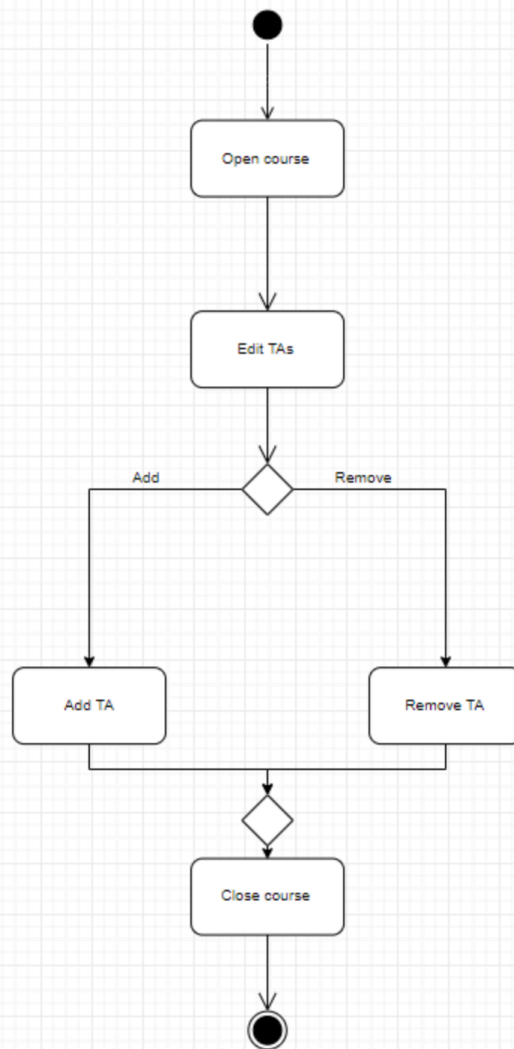


Activity Diagram #3

Created by: Zachary

Reviewed by: Christina

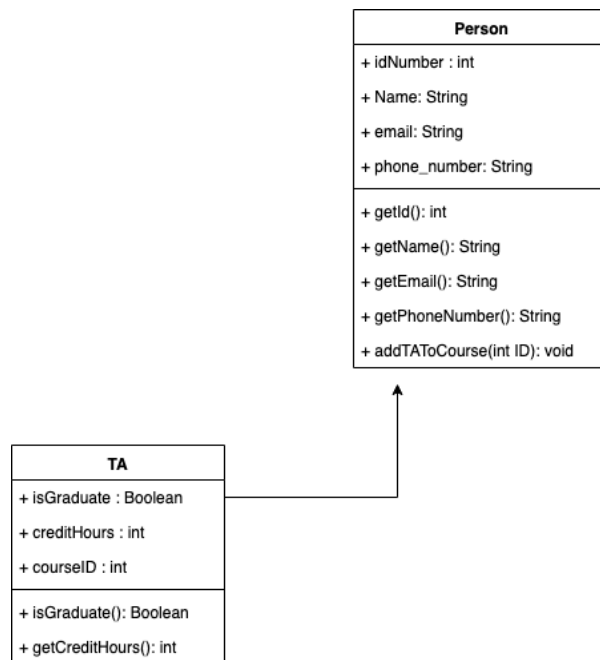
Activity Diagram for an Instructor to add/remove TAs from course sections



For this particular activity, when the instructor opens the course, they have the option to add a TA or remove a TA.

Class Diagram

Created by: Jeremy
Reviewed by: Christina

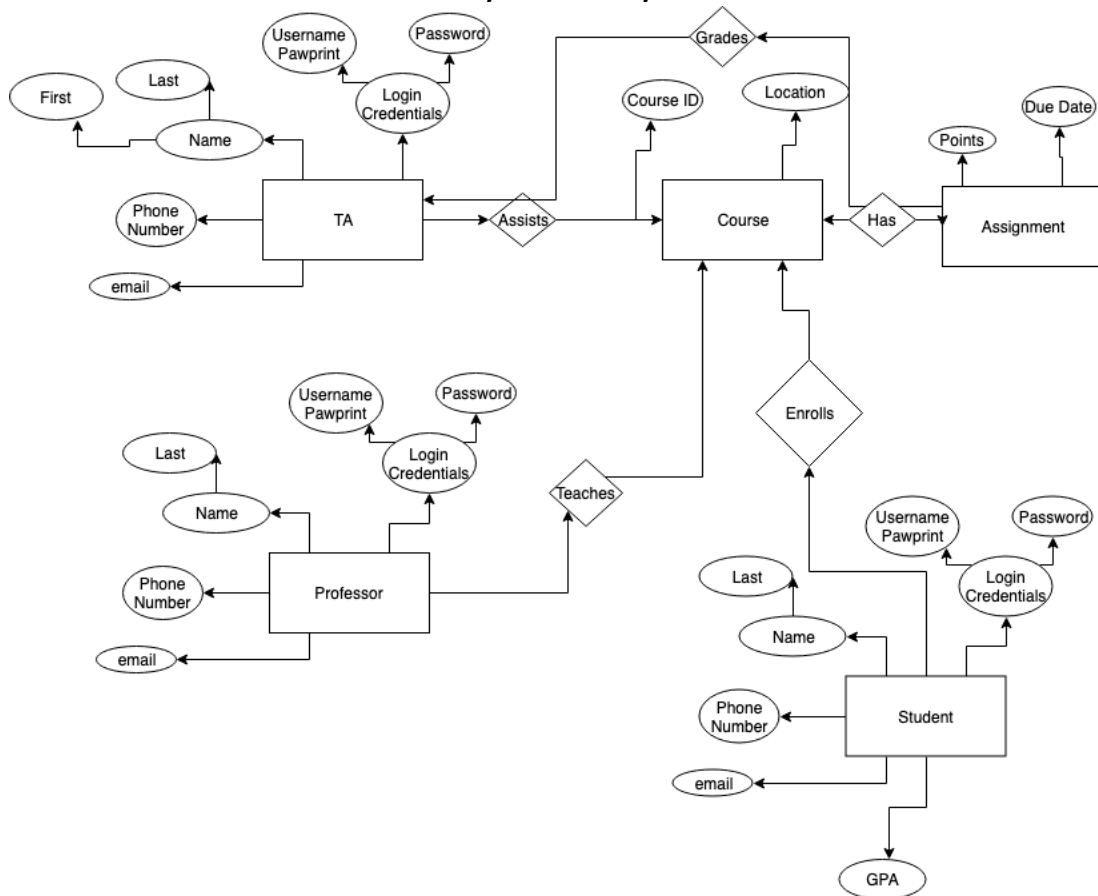


The class diagram is of a TA. The TA is a child class of a person.

Entity Relationship Diagram

Created by: Jeremy

Reviewed by: Zachary, Christina



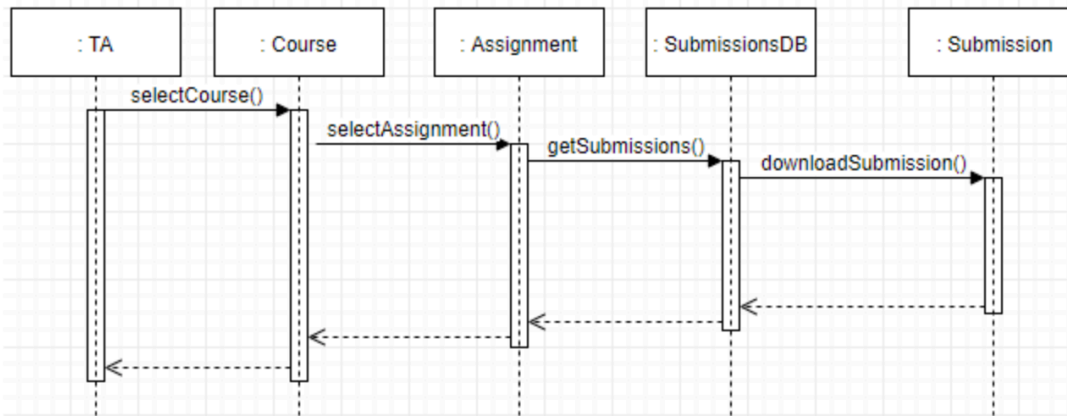
The ER Diagram shows each class, and how they interact with other classes. The classes are for professor, student, TA, course, and assignment.

Sequence Diagram

Created by: Zachary

Reviewed by: Jeremy

Sequence Diagram for TA downloading student submissions



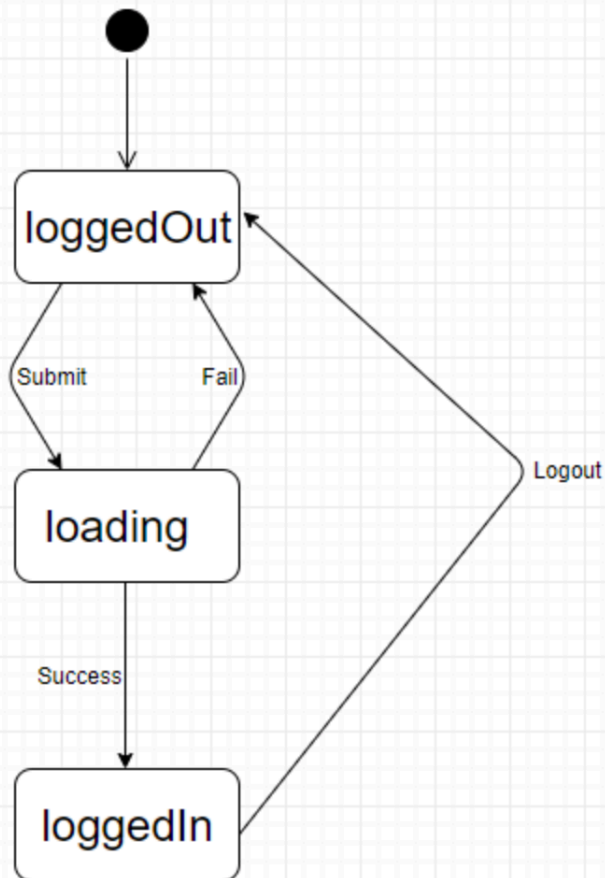
In this diagram, you start with a TA and they select the course. From that point, they select the specified assignment. Then they gather all of the student submissions from a database and download one or more.

State Machine Diagram

Created by: Zachary

Reviewed by: Christina

State Machine Diagram for Login/Logout



This diagram shows that you start logged out. When you submit information to login, it will load.

If the information you entered fails, you will go back to being logged out. If the information succeeds, you will be logged in.

While you're logged in, you can log out to go back to the logged out state.