

Assignment 4

Design Focus

Contributors:

Noah Frew

Jonah Marz

Levi Olson

Chase White

Table of Contents

Use Case Diagram — Page **3**

Activity Diagrams — Page **4-7**

Class Diagram — Page **8**

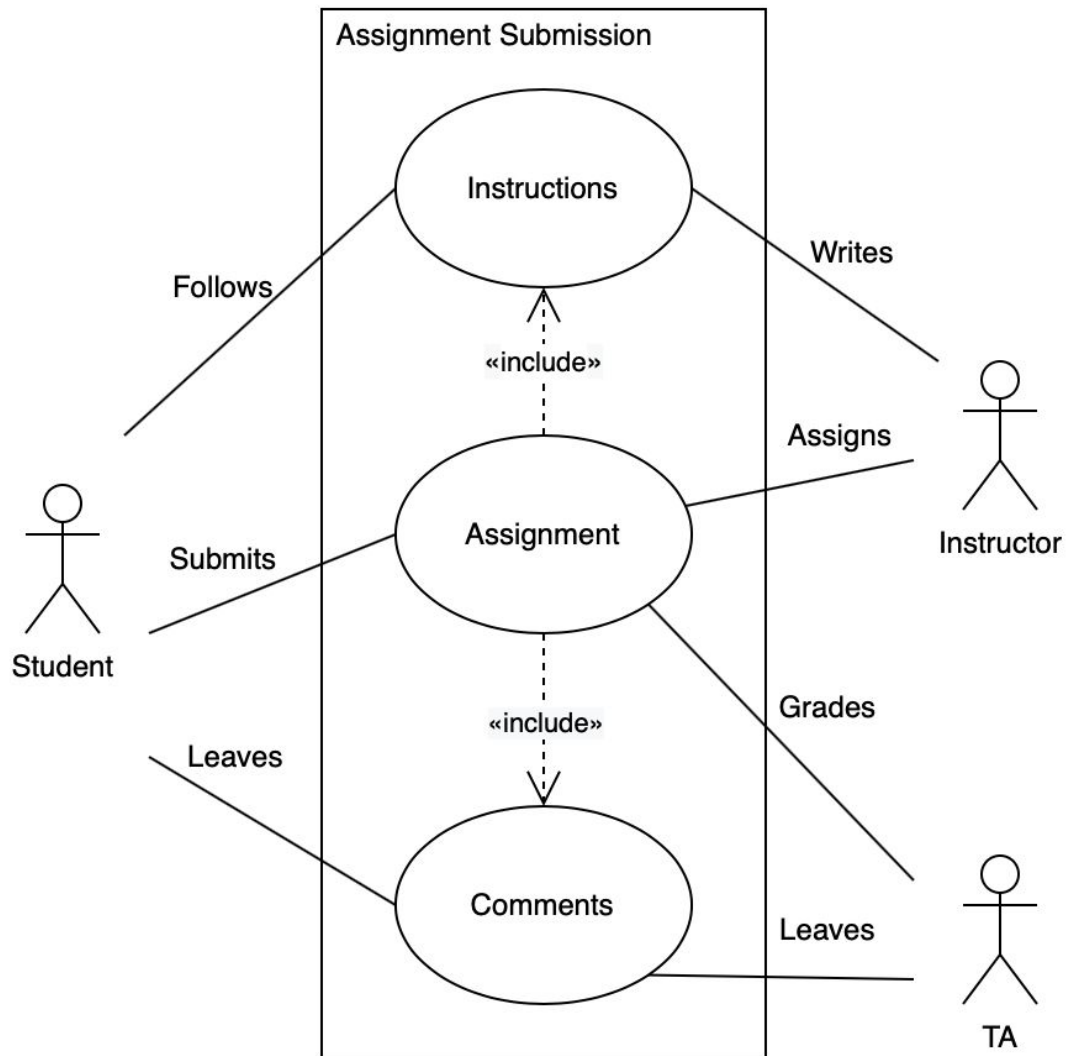
Sequence Diagram — Page **9**

Entity Relationship Diagram — Page **10**

State Machine Diagram — Page **11**

Use Case Diagram

This diagram shows how users would interact with assignment submissions in the assignment submissions system.

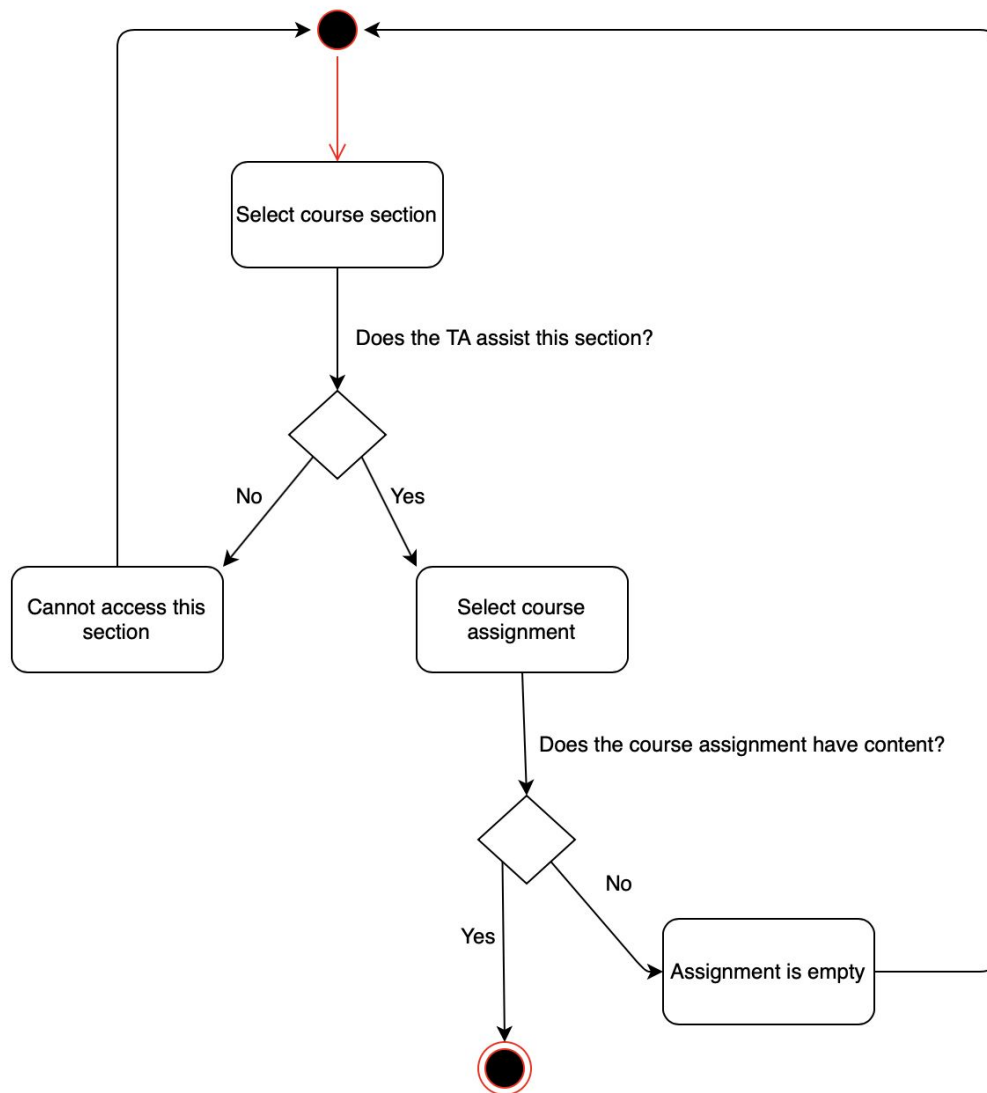


Contributors:

- Noah Frew: Edited

Activity Diagram — TA can view course assignments

This diagram is the steps a TA has to go through to view course assignments.

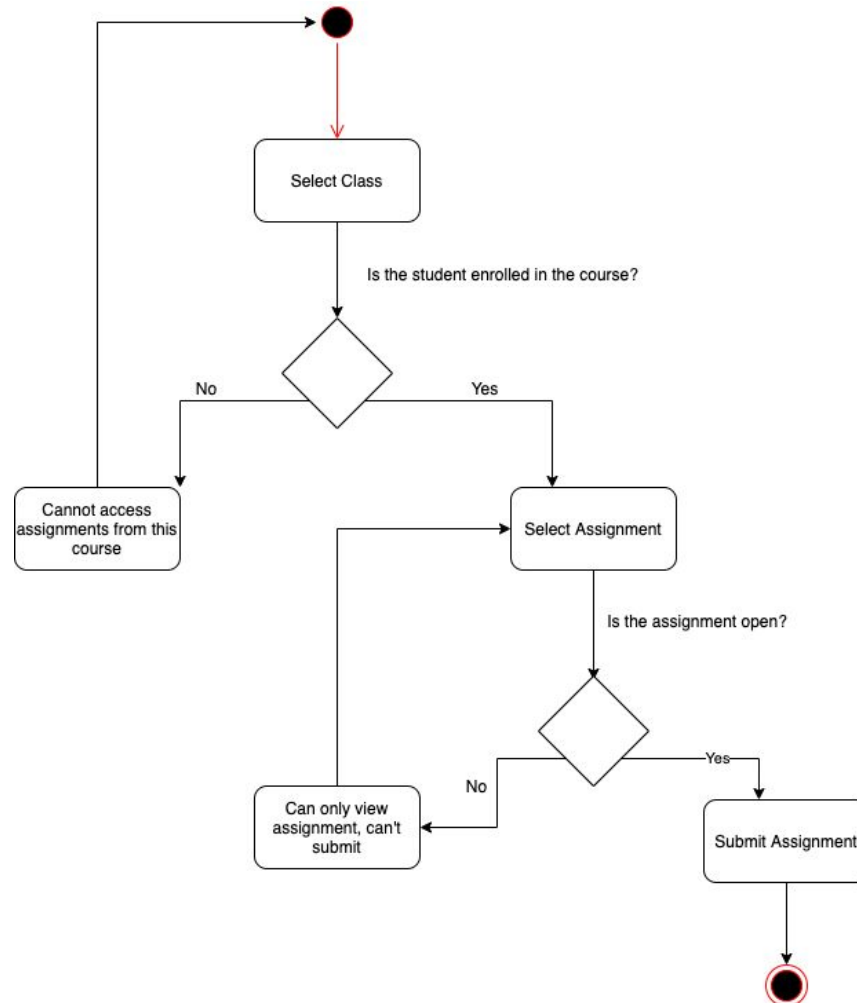


Contributors:

- Noah Frew: Edited

Activity Diagram — Student can select assignments they want to submit

This diagram is the steps a student has to go through to select a course, and then select an assignment within that course that they want to submit.

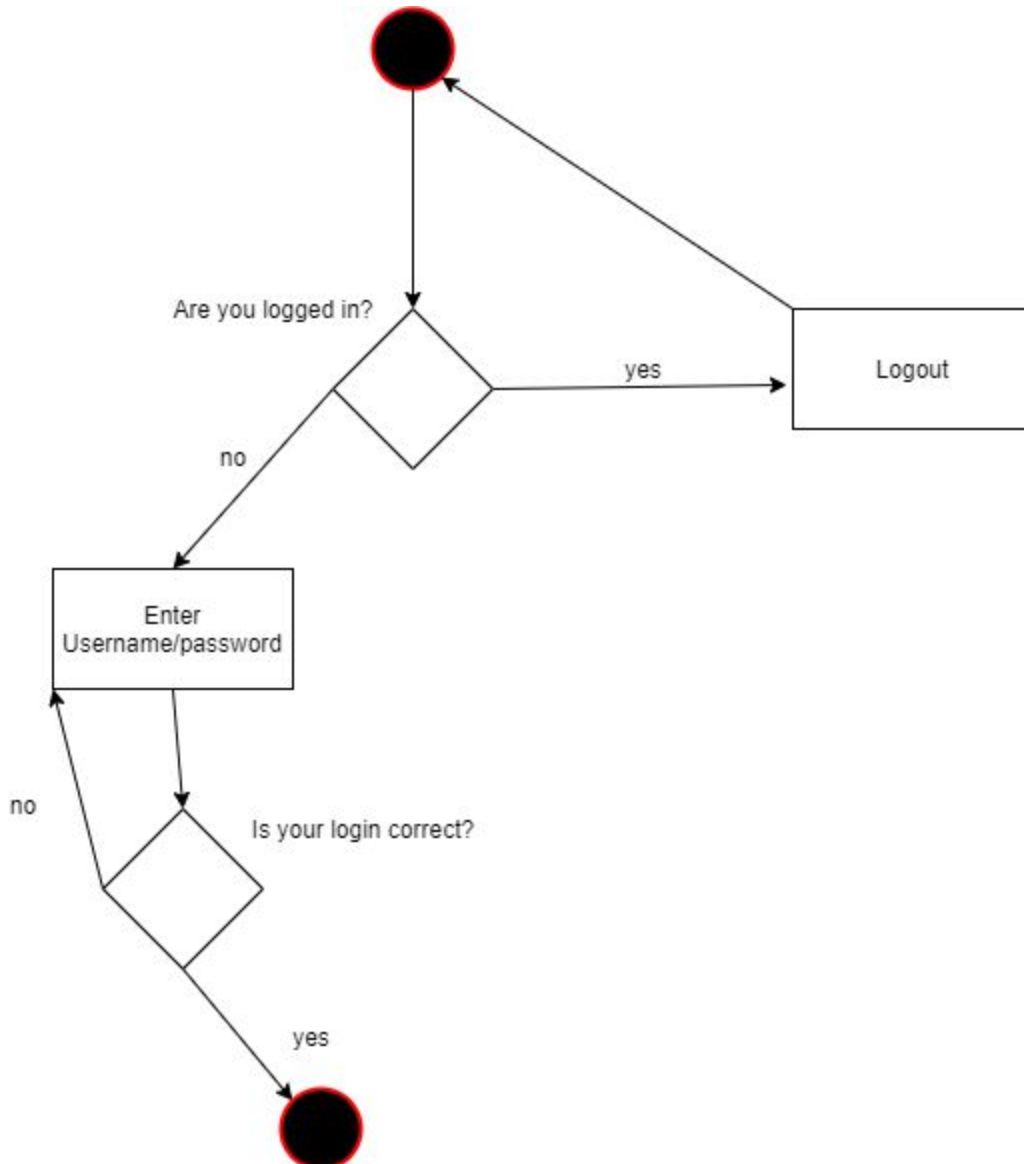


Contributors:

- Levi Olson: Edited

Activity Diagram — TA's can Login and Logout

The Diagram is the steps that TA's go through to log in to the system

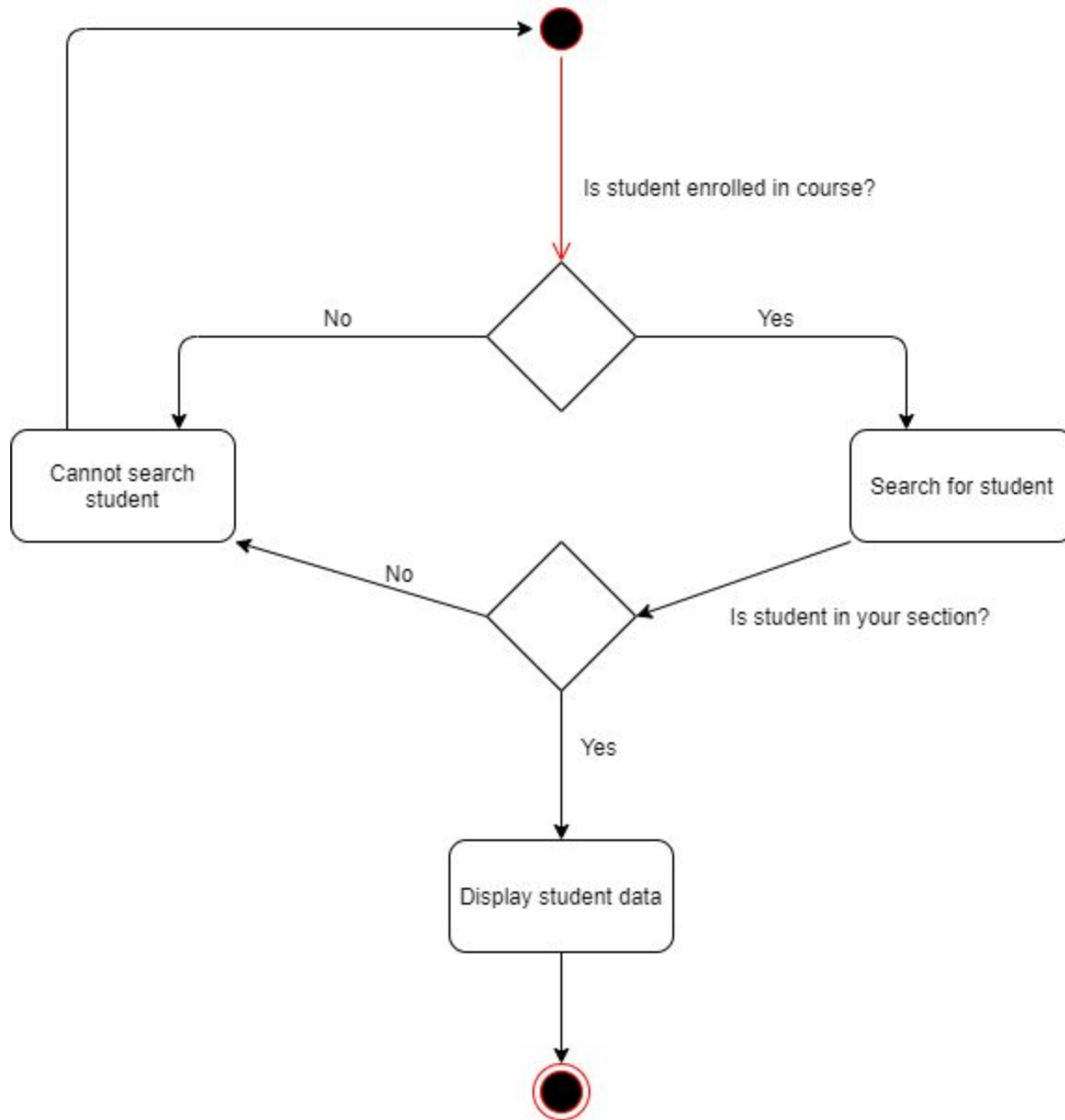


Contributors:

- Jonah Marz: Edited

Activity Diagram — TA's can search for students in their section

This diagram is the steps a TA will go through to search for a student in their section.

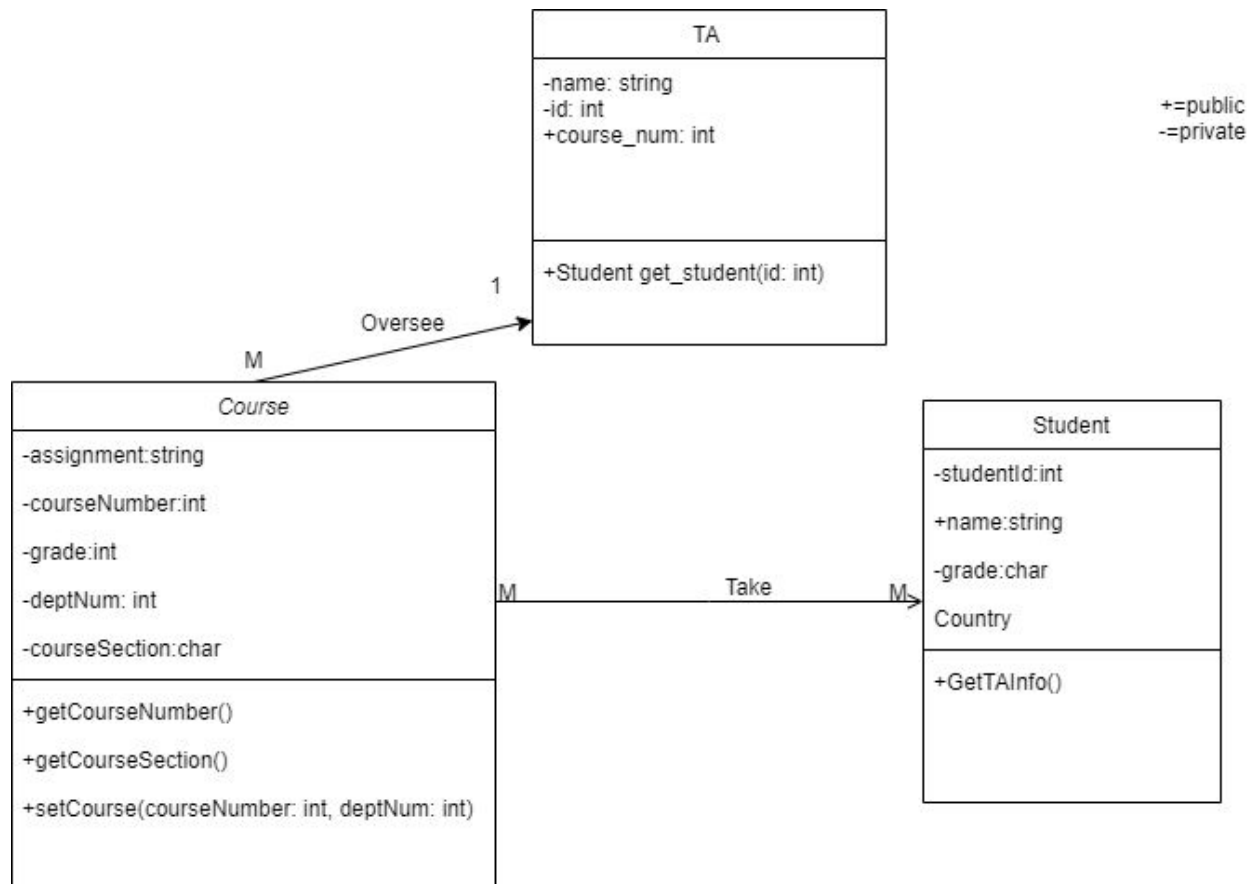


Contributors:

- Chase White: Edited

Class Diagram — TA Class

This diagram shows the attributes and functions along with their properties associated with the TA class for searching for students.



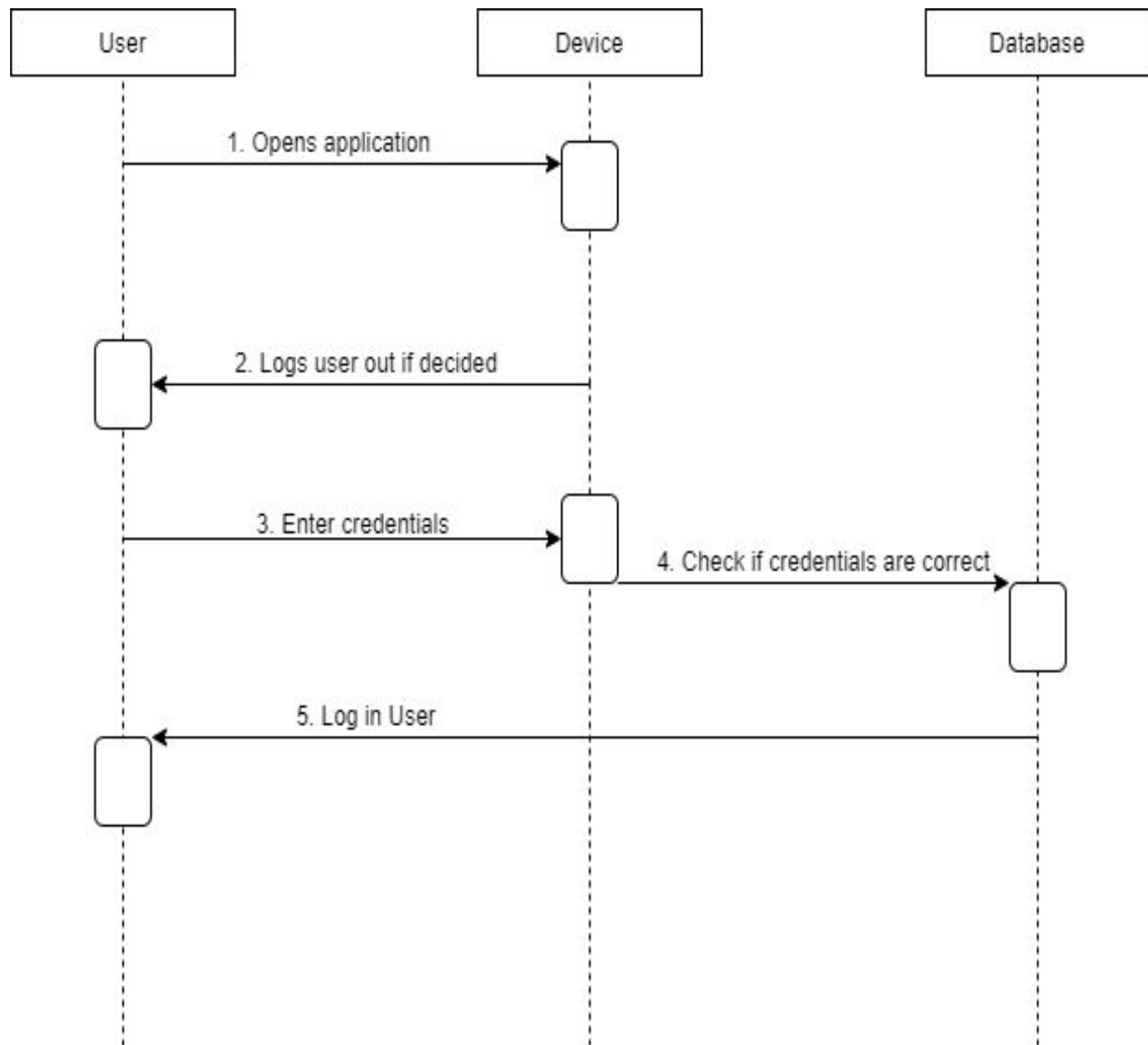
Contributors:

- Chase White: Edited and reviewed
- Noah Frew: Edited
- Jonah Marz: Edited
- Levi Olson: Edited

Sequence Diagram — TA's can login and logout of the system

This diagram goes through the sequence of events the system takes to login and logout

a TA

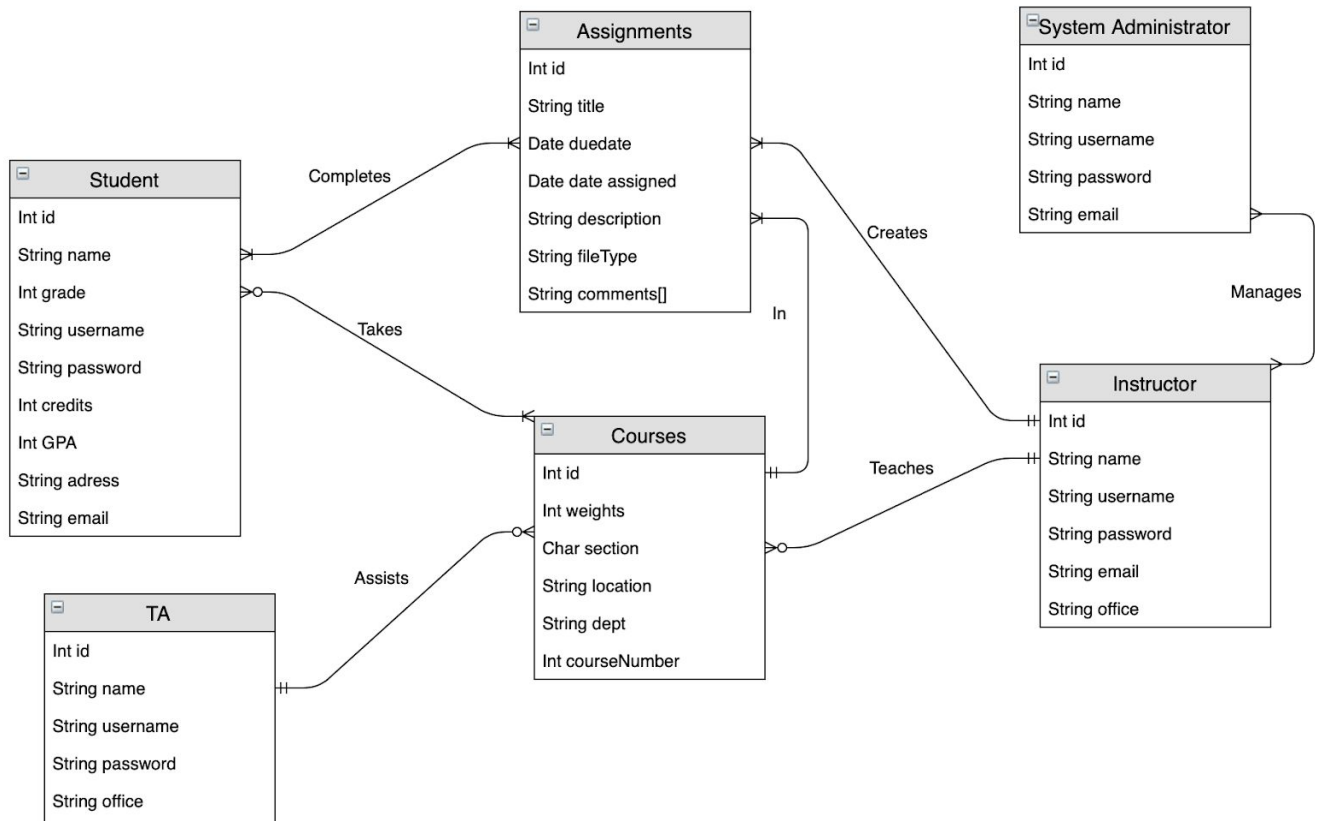


Contributors:

- Jonah Marz: Edited

Entity Relationship Model

This diagram shows all of the entities in the assignment submission system and how they're related to each other.



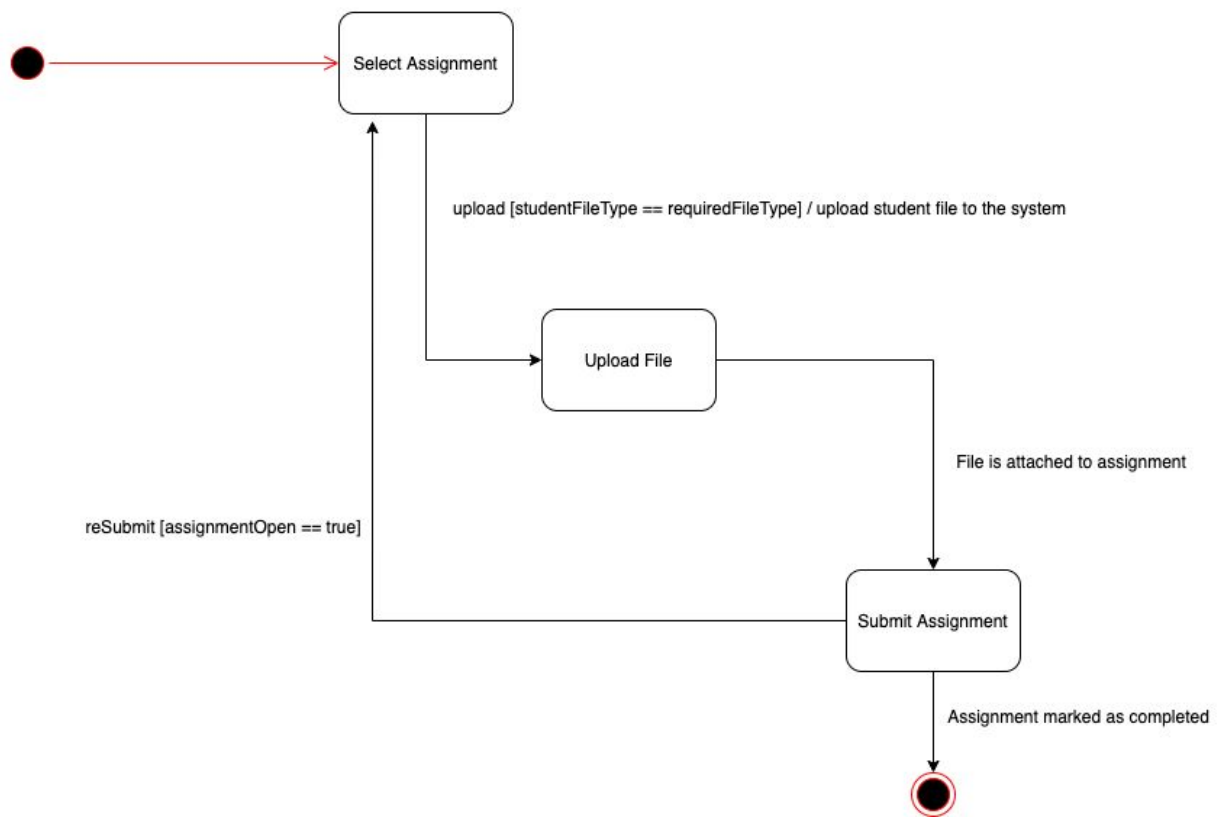
Contributors:

- Noah Frew: Edited and reviewed
- Jonah Mars: Edited
- Levi Olson: Edited
- Chase White: Reviewed

State Machine Diagram

The state of the assignment object as students upload files and submit their assignments.

select [enrolledInCourse == true && assignmentOpen == true]



Contributors:

- Levi Olson: Edited