

Group 9

ASSIGNMENT 4

Members:

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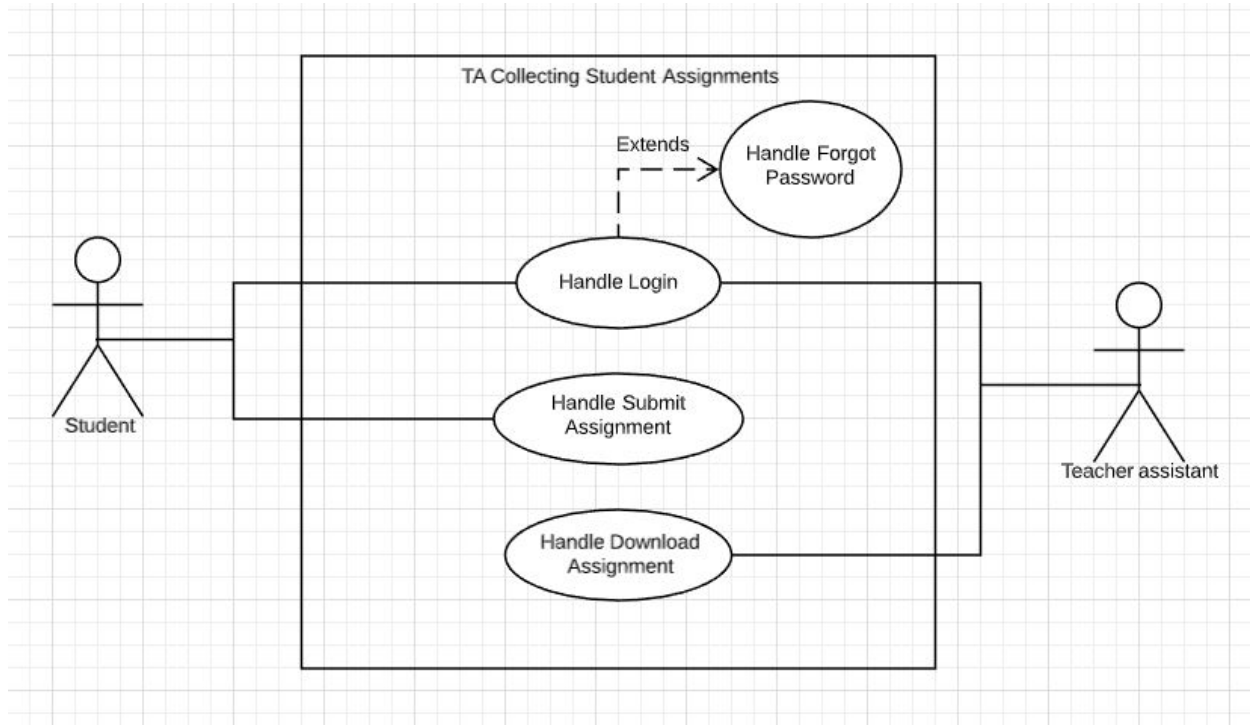
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Table of Contents

1. Use Case Diagram
2. Activity Diagrams
 - a. Instructor: Add/Remove Student
 - b. TA: View course assignment
 - c. Student: Upload files
3. Class Diagram
4. Entity Relationship Diagram
5. Sequence Diagram
6. State Machine Diagram

Use Case Diagram



Use Case Description

Primary Path

1. **Student** logs into website.
2. **Student** submits assignment to website.
3. **Teachers Assistant** logs into website
4. **Teachers Assistant** downloads student submitted assignment.

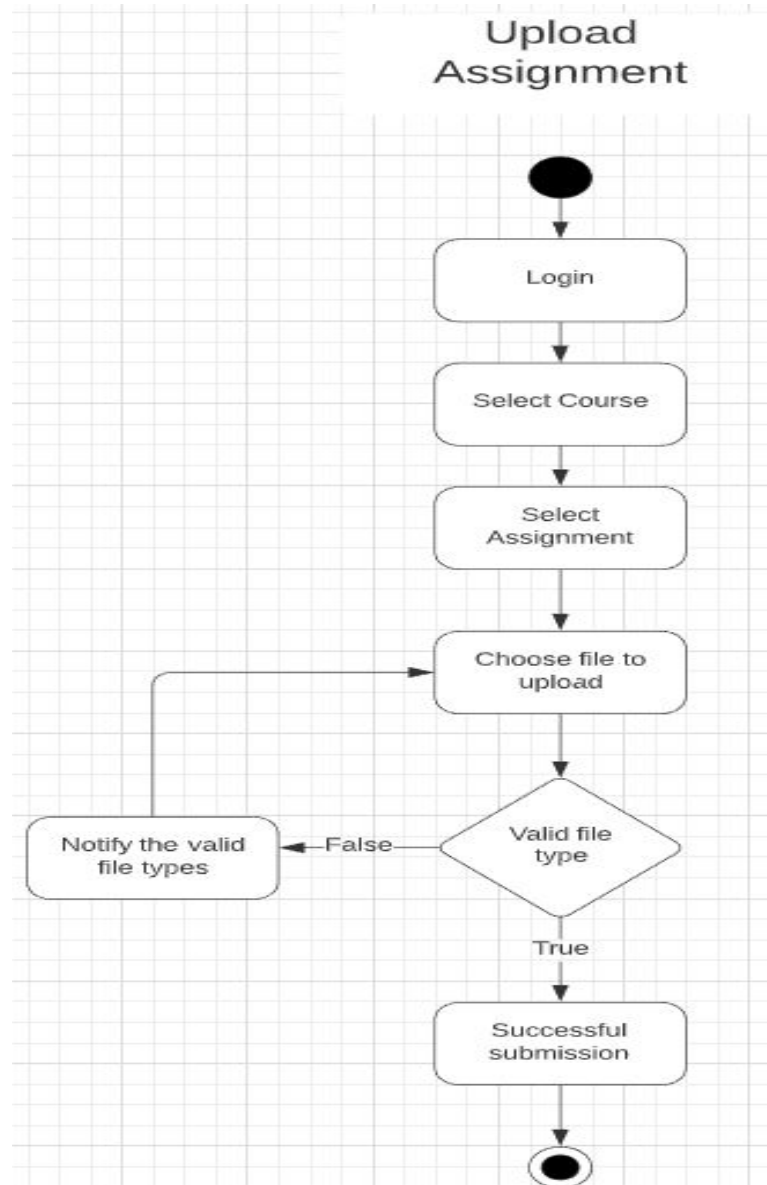
Alternative Path

- 1a. **Student** clicks forgot password and is taken to password recovery page

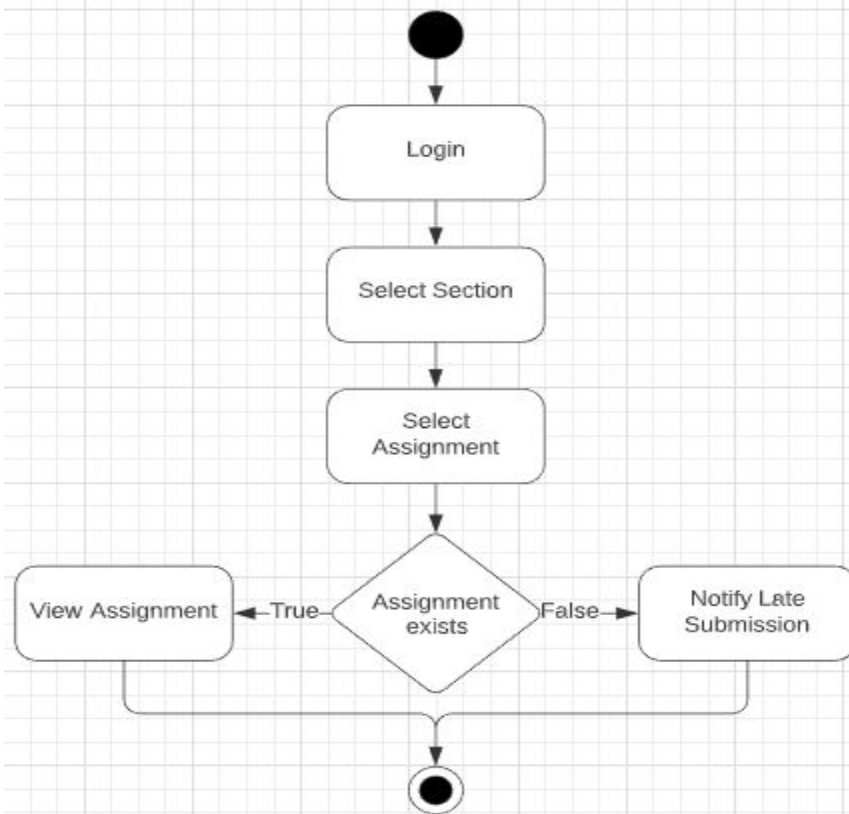
Worked by: Collin, Isaac, Daniel

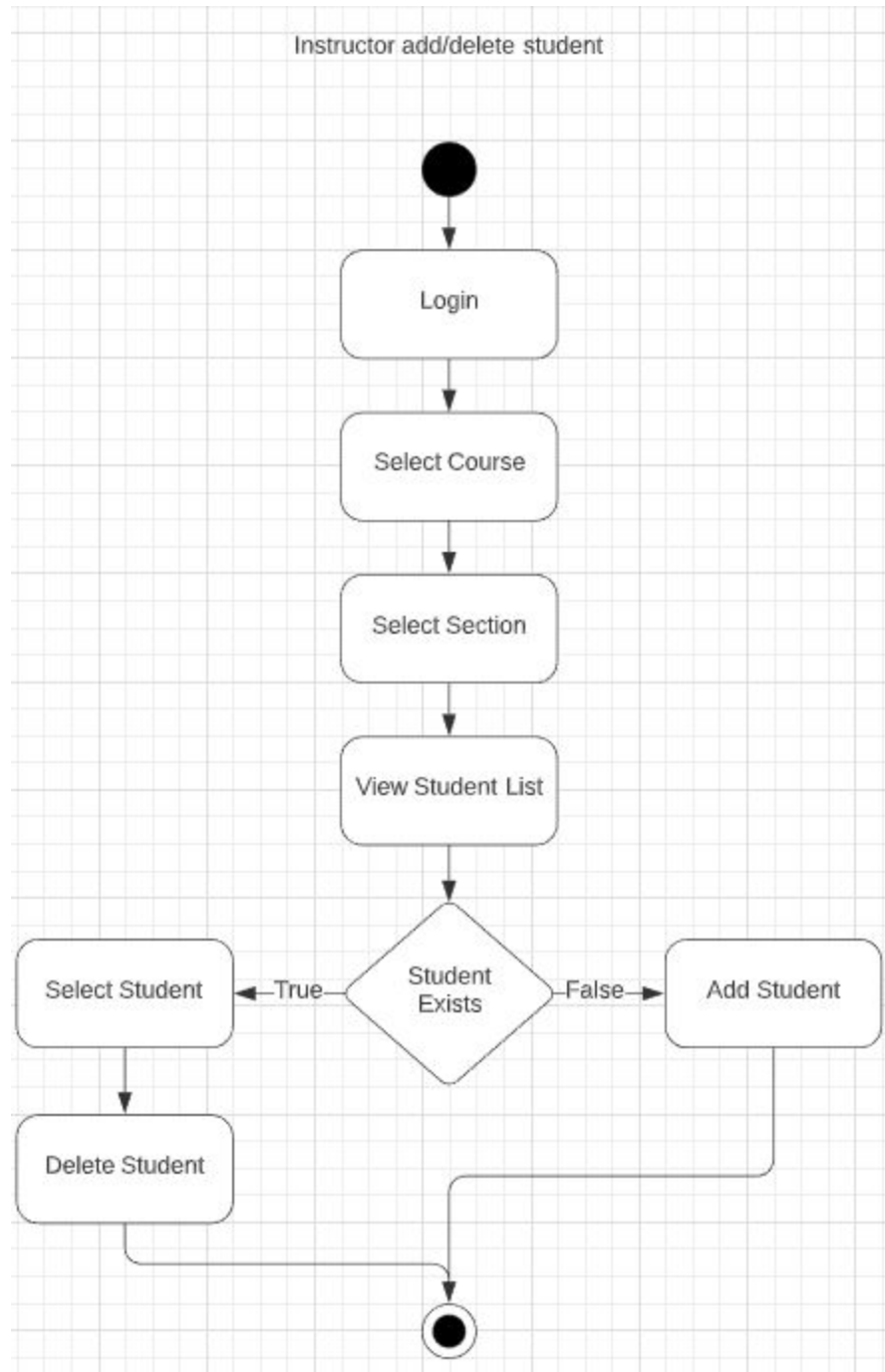
Activity Diagrams

1. Student upload assignment activity
2. TA viewing assignment
3. Instructor add/delete student



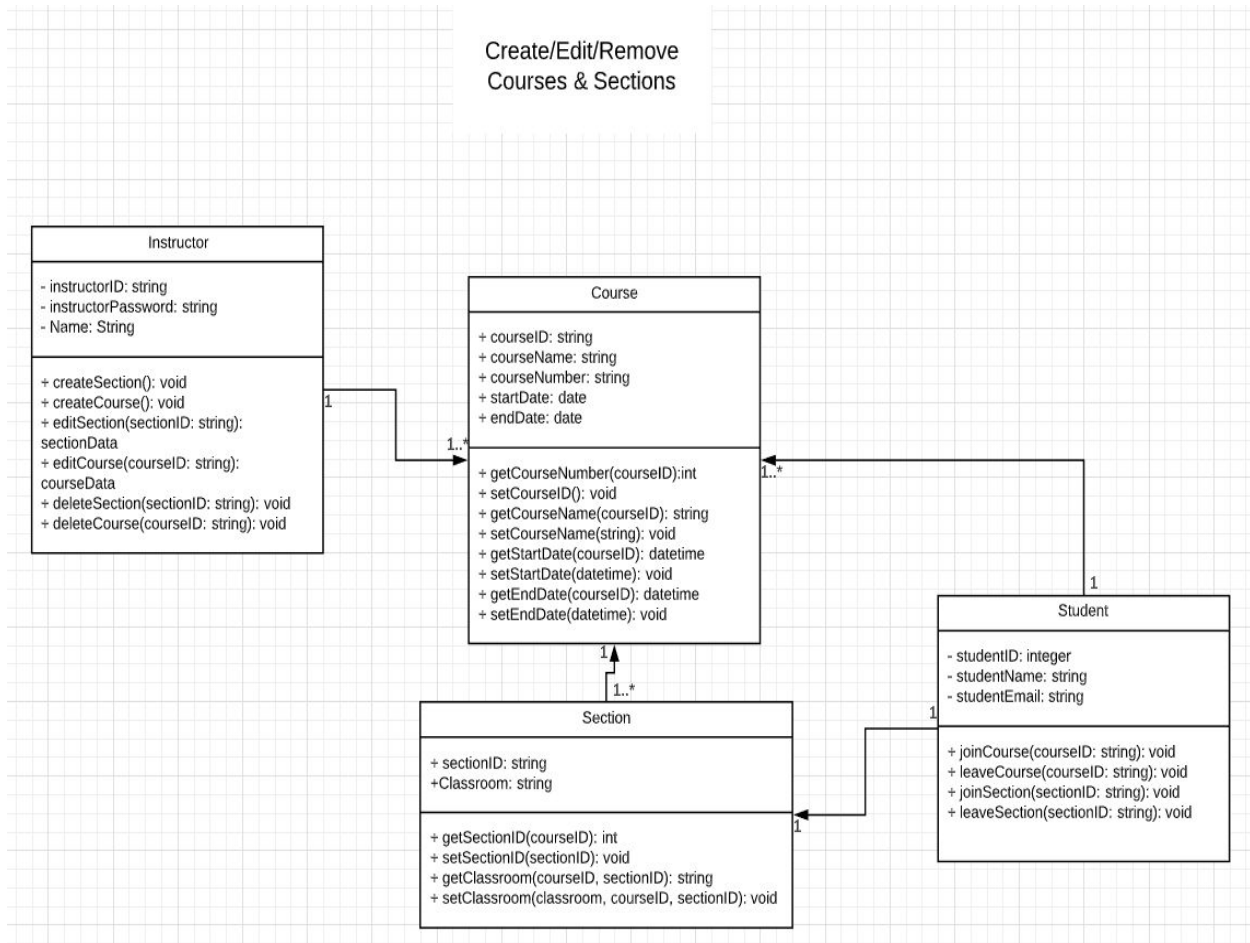
TA view assignment





Worked by: Isaac, Daniel, Collin

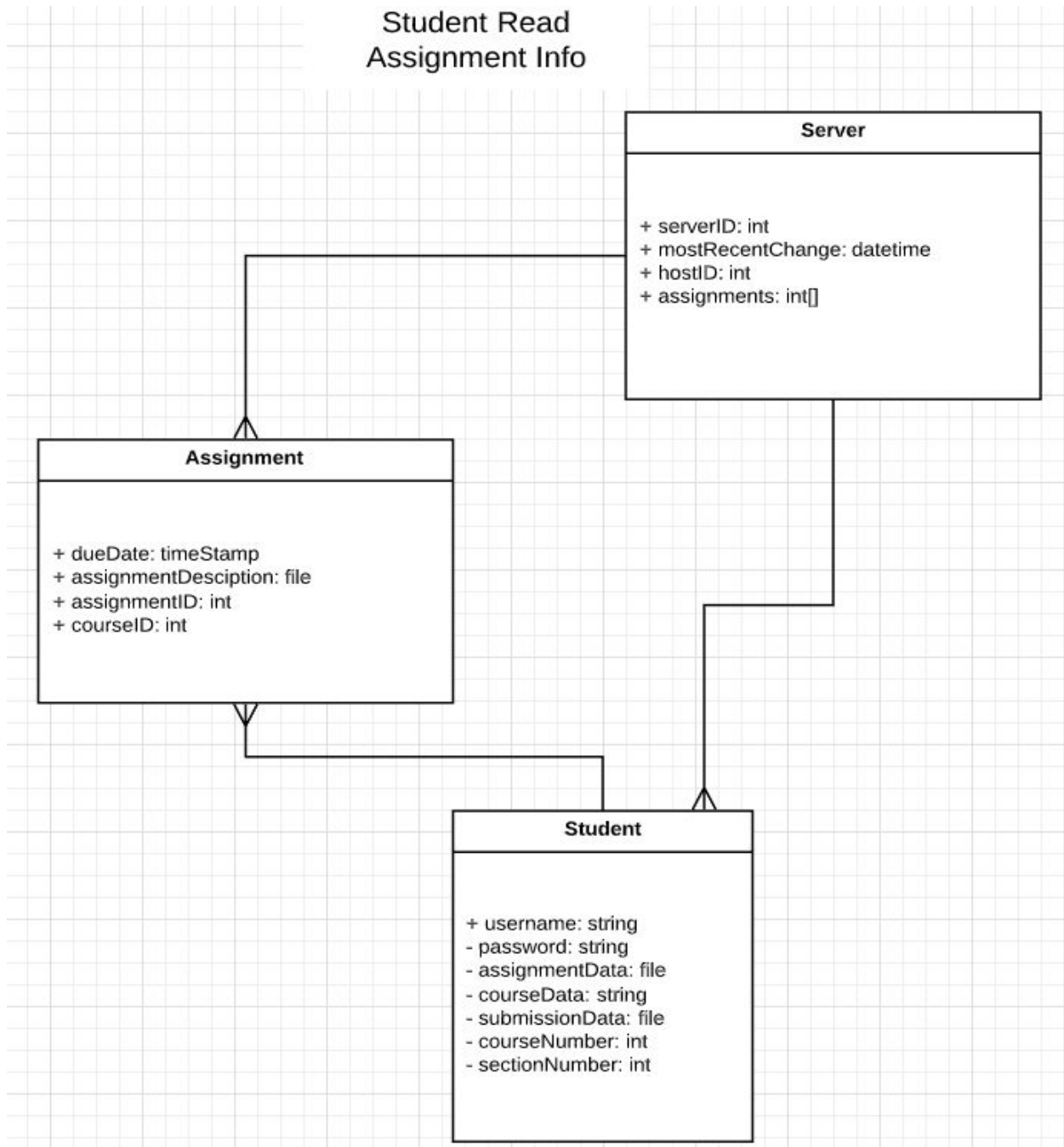
Class Diagram



Description: This class diagram reflects the classes involved in creating/editing/removing courses and sections as an Instructor.

Worked by: Collin, Isaac, Daniel

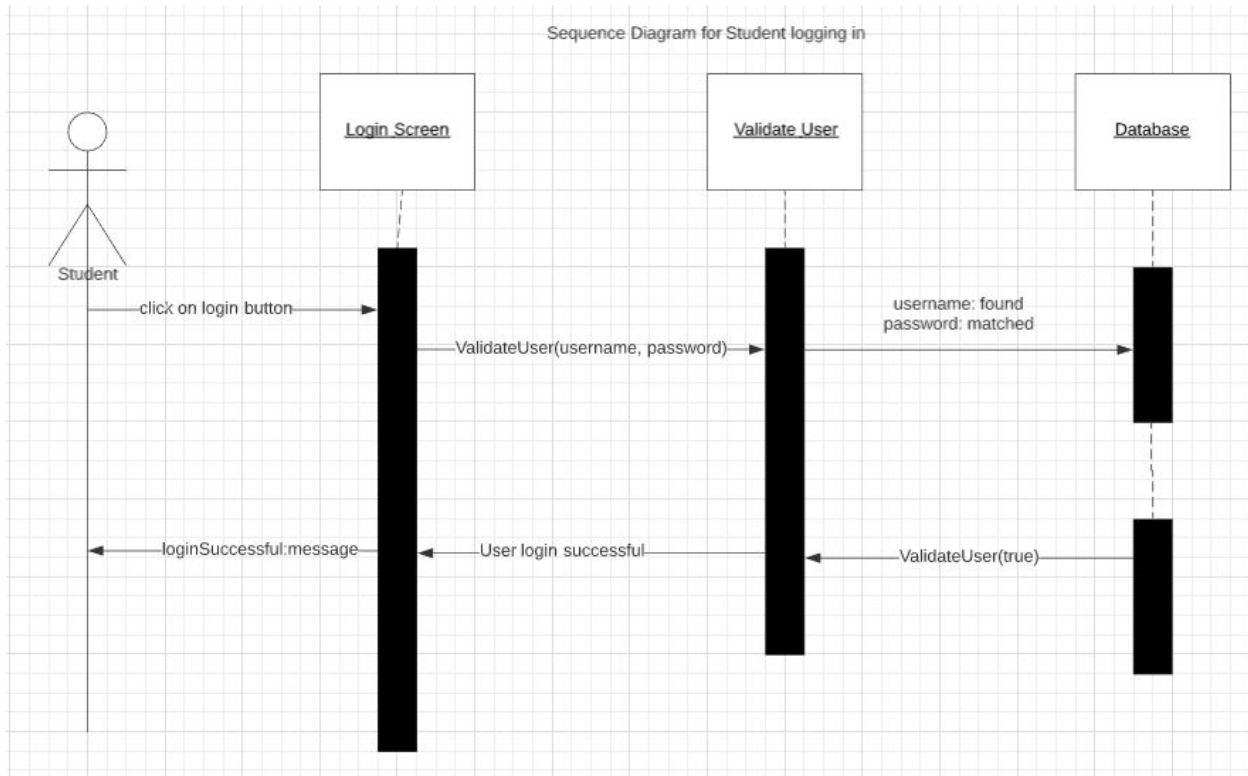
Entity Relationship Diagram



Description: This Entity relationship diagram is in Crow's foot notation. It shows the relationship and the related data for the student submitting an assignment.

Worked by: Collin, isaac, Daniel

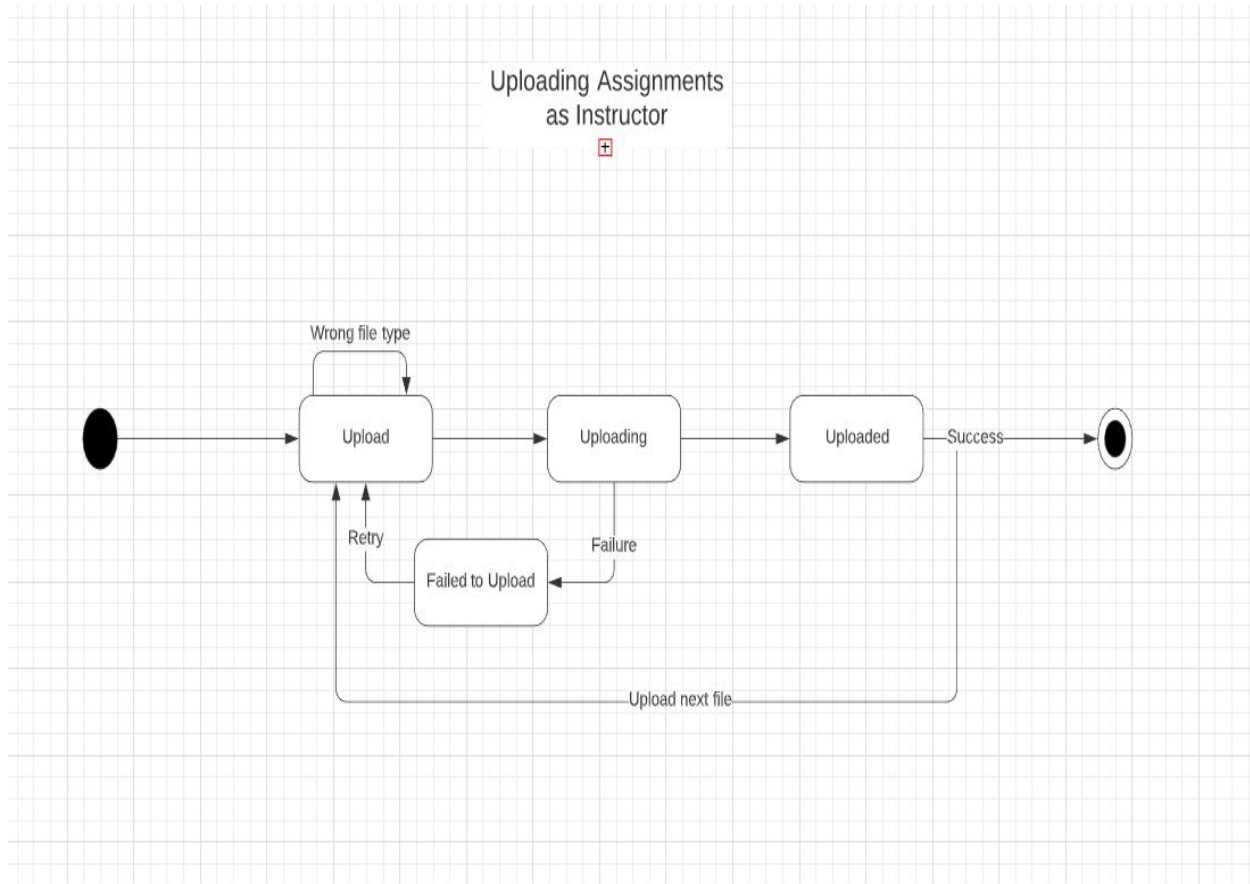
Sequence Diagram



Description: The sequence diagram shows the sequence and order of events taking place in relation to the student logging in. From the student clicking the login button, to the database validating the credentials and returning whether the credentials match or not.

Worked by: Collin, Isaac, Daniel

State Machine Diagram



Description: This diagram is to demonstrate the states the system would go through when uploading an assignment (as an Instructor). There are 4 major states that are Upload, Uploading, Failed to Upload and Uploaded with potential to fail during the Upload -> Uploading stage. After uploading successfully, the user can upload a new file or the system state would reach the end.

Worked by: Daniel, Collin, Isaac