

Architecture Design Focus

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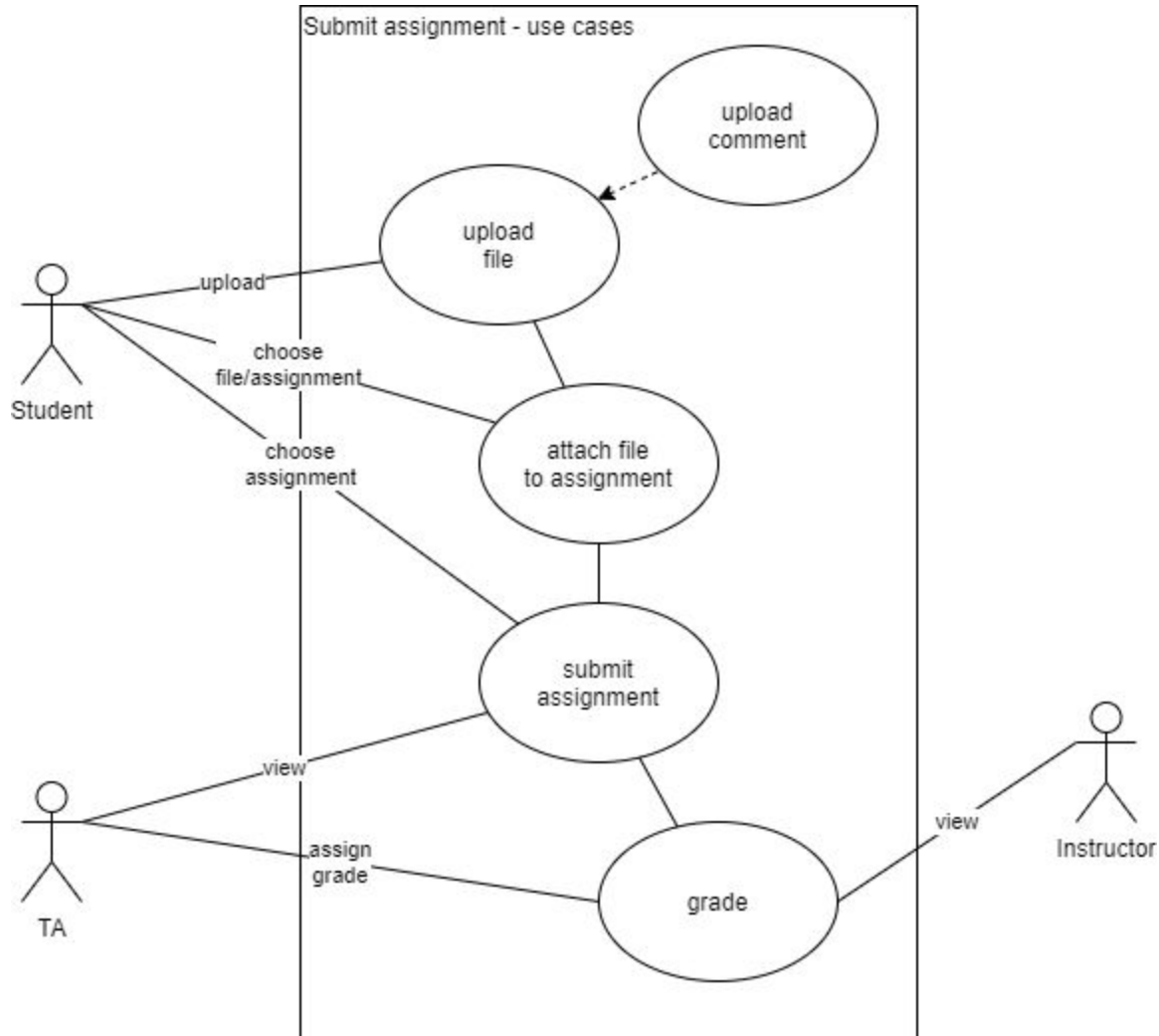
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Use Case Diagram: "Submit Assignment"

"Use case diagram for a student submitting an assignment"

Created by: Callum Ferguson - Peer Reviewed: Joshua Hickman, Bryan Prichard



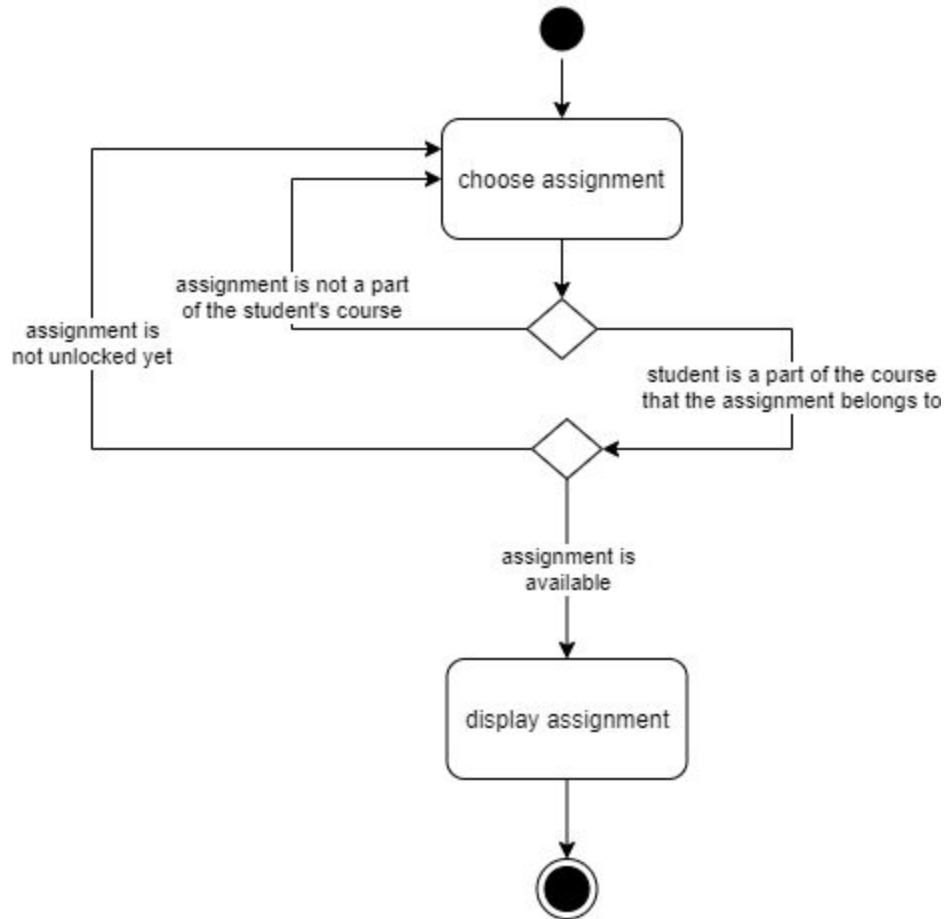
Use Case: Submit Assignment

- Description
 - A student uses the website to submit an assignment so a TA can grade it
- Actor
 - Primary: Student
 - Others: TA, Instructor
- Pre-conditions
 - The student is already logged into their account
- Flow of events
 - upload file
 - attach file to assignment
 - submit assignment
 - grade

Activity Diagram 1: “Read Assignment”

“An activity diagram detailing the process of reading a valid assignment’s parameters”

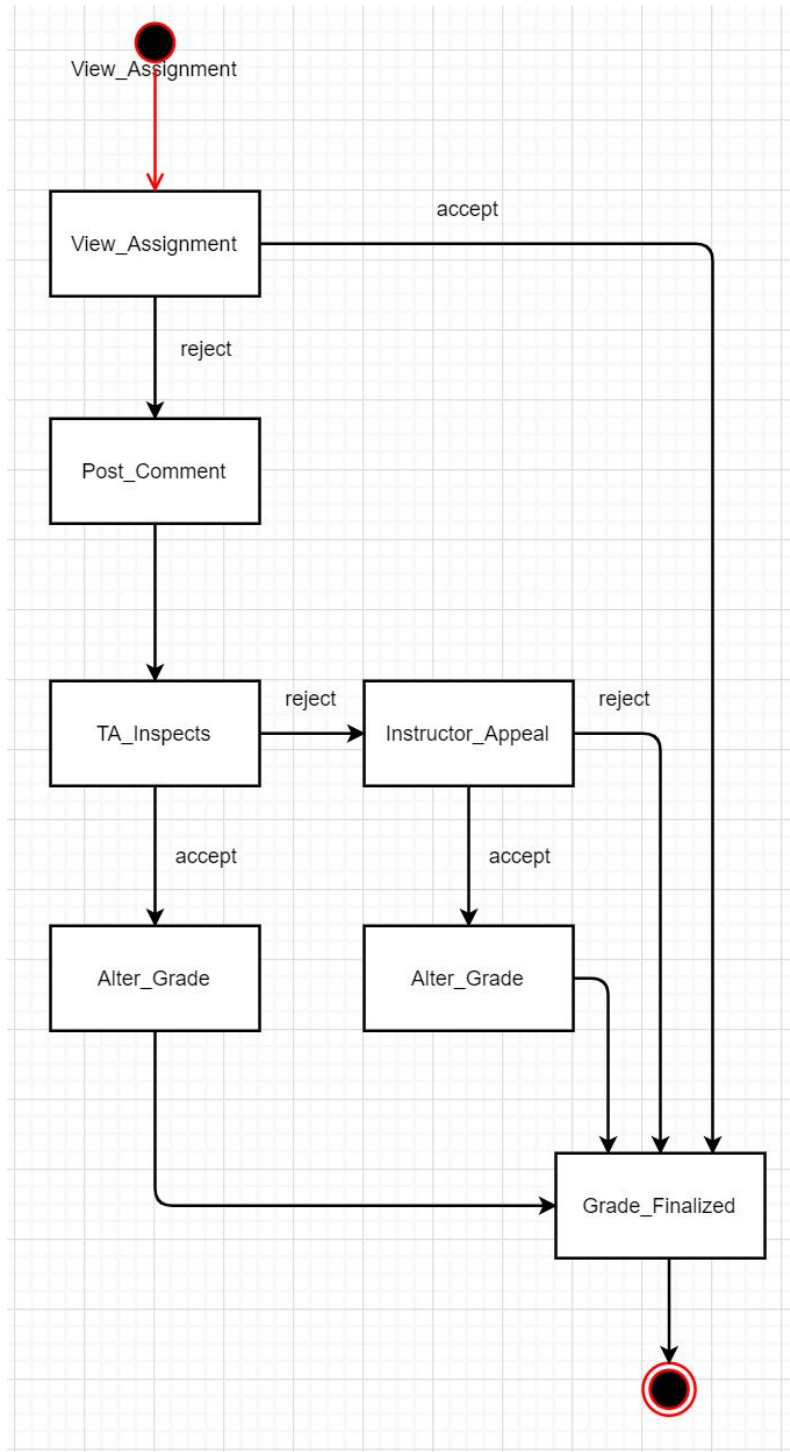
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Activity Diagram 2: “Comment”

“Activity diagram showing the comment process in a grade dispute”

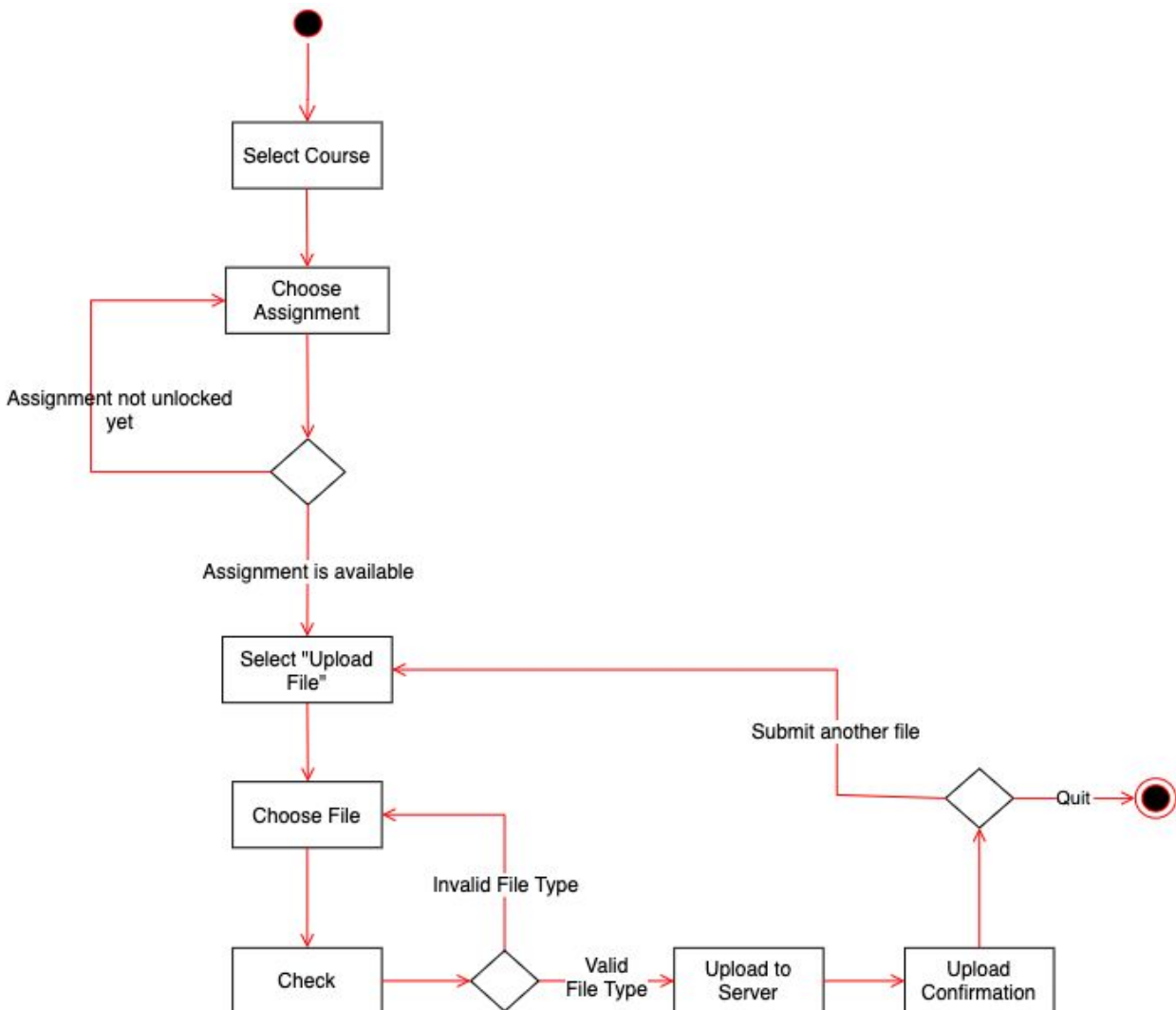
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Activity Diagram 3: "Upload File"

"Activity Diagram showing the process of uploading a file"

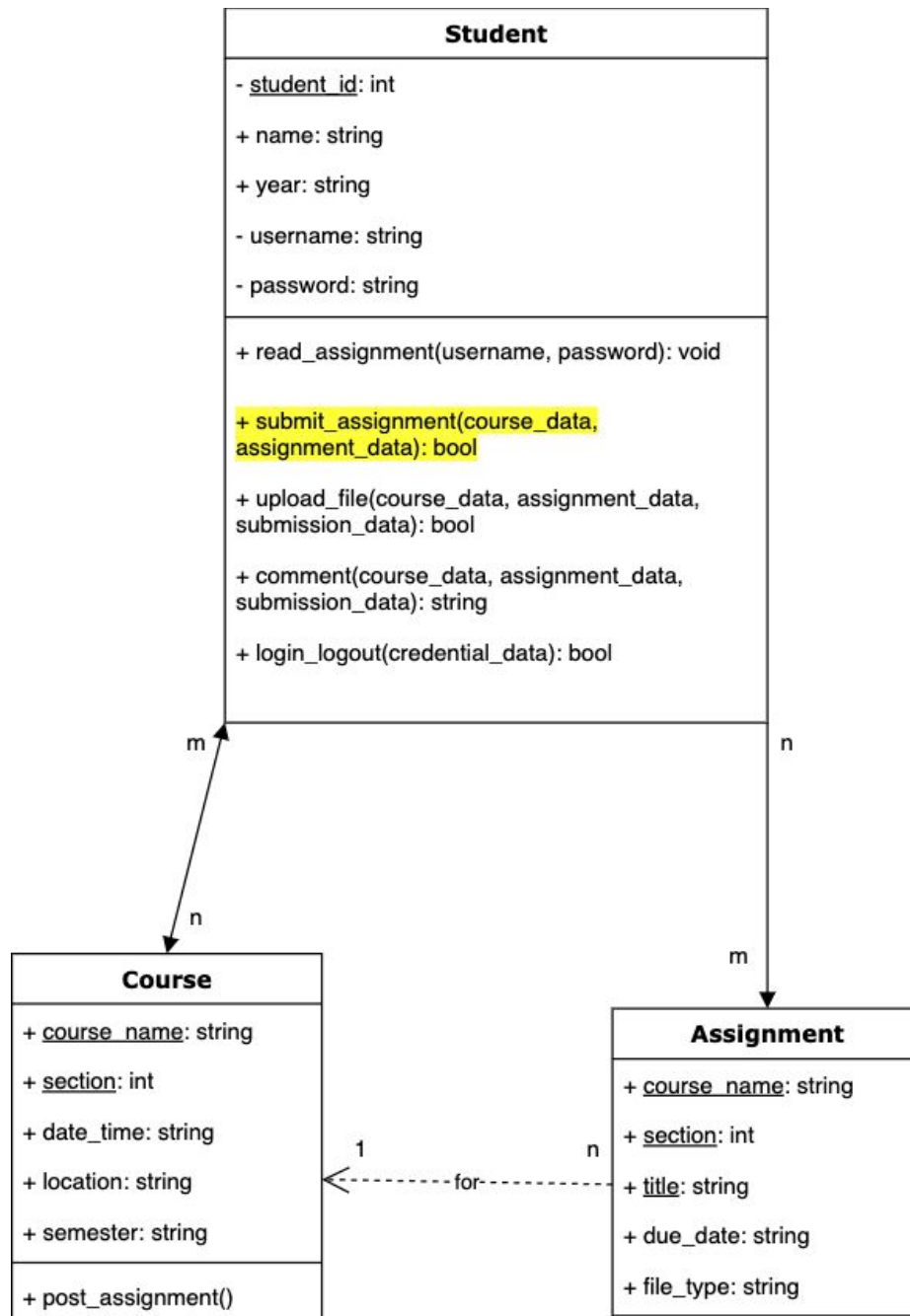
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Class Diagram for Activity: “Submit an Assignment”

“This is the Class Diagram covering the classes used for submitting an assignment to the system”

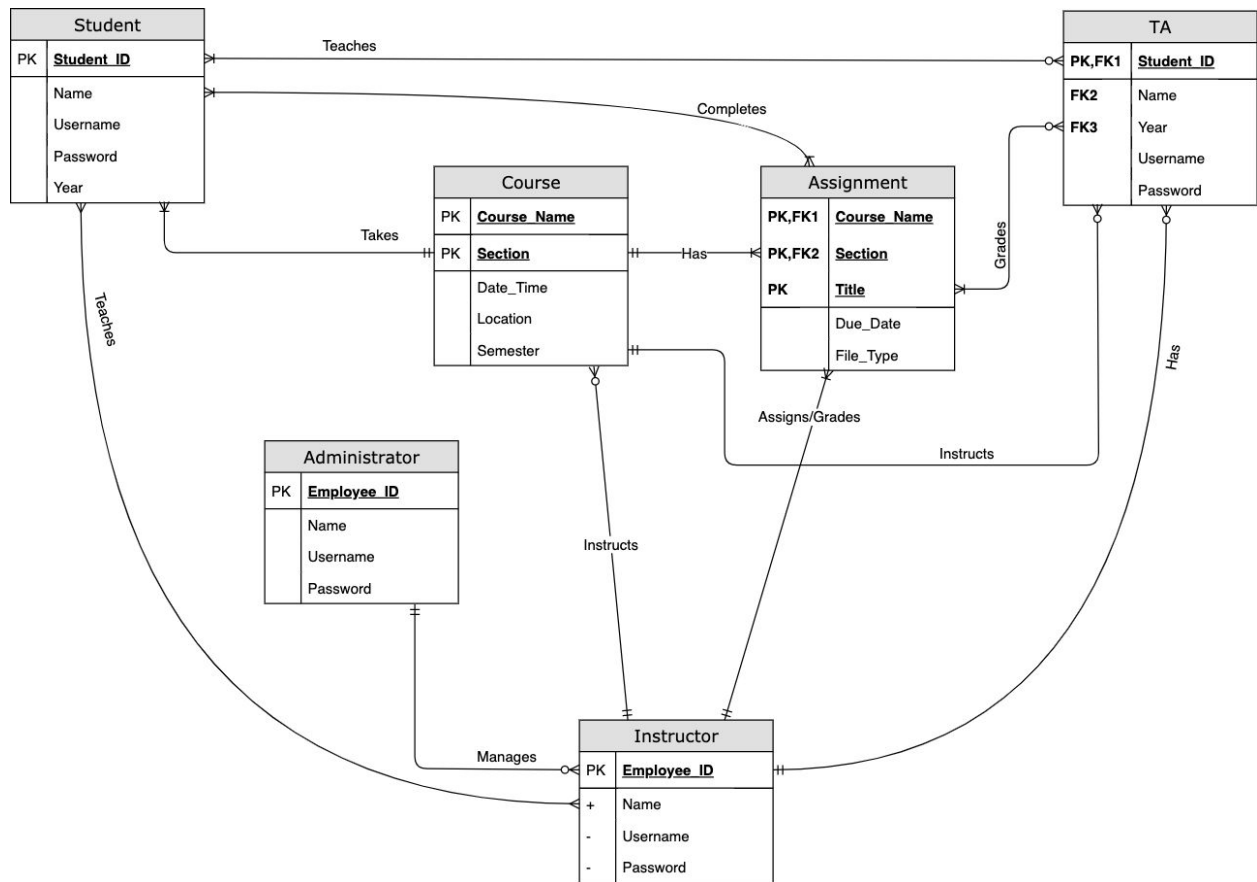
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Entity Relationship Diagram

Caption: "This diagram models the entity relationship for an assignment submission system"

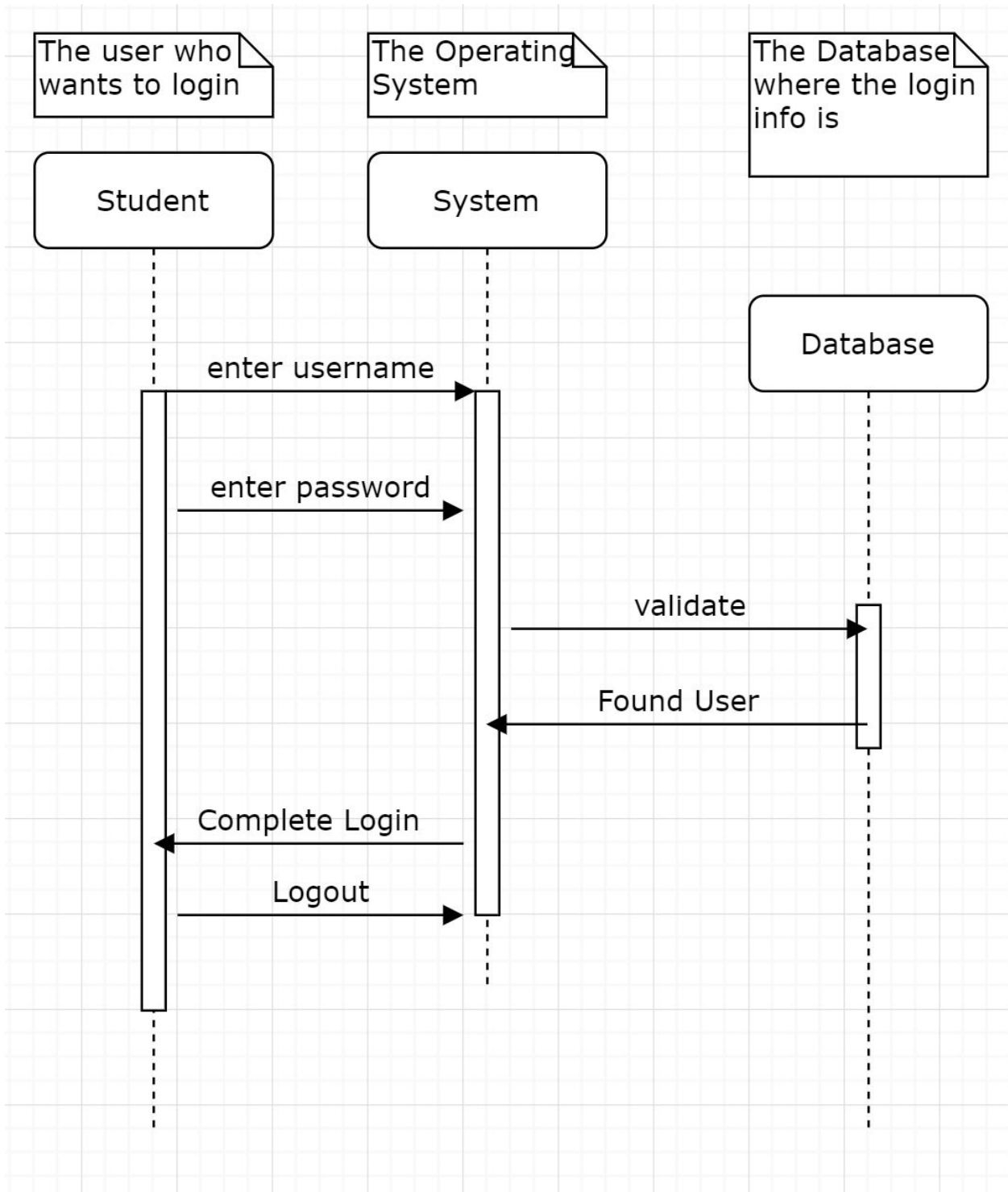
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Sequence Diagram: “Login/Logout”

“Sequence Diagram showing the login and logout process”

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State Machine Diagram

"This diagram models the state of a user on the website and what page they are on"

Created by: Callum Ferguson - Peer reviewed by: Bryan Prichard, Josh Hickman

