

Design Document

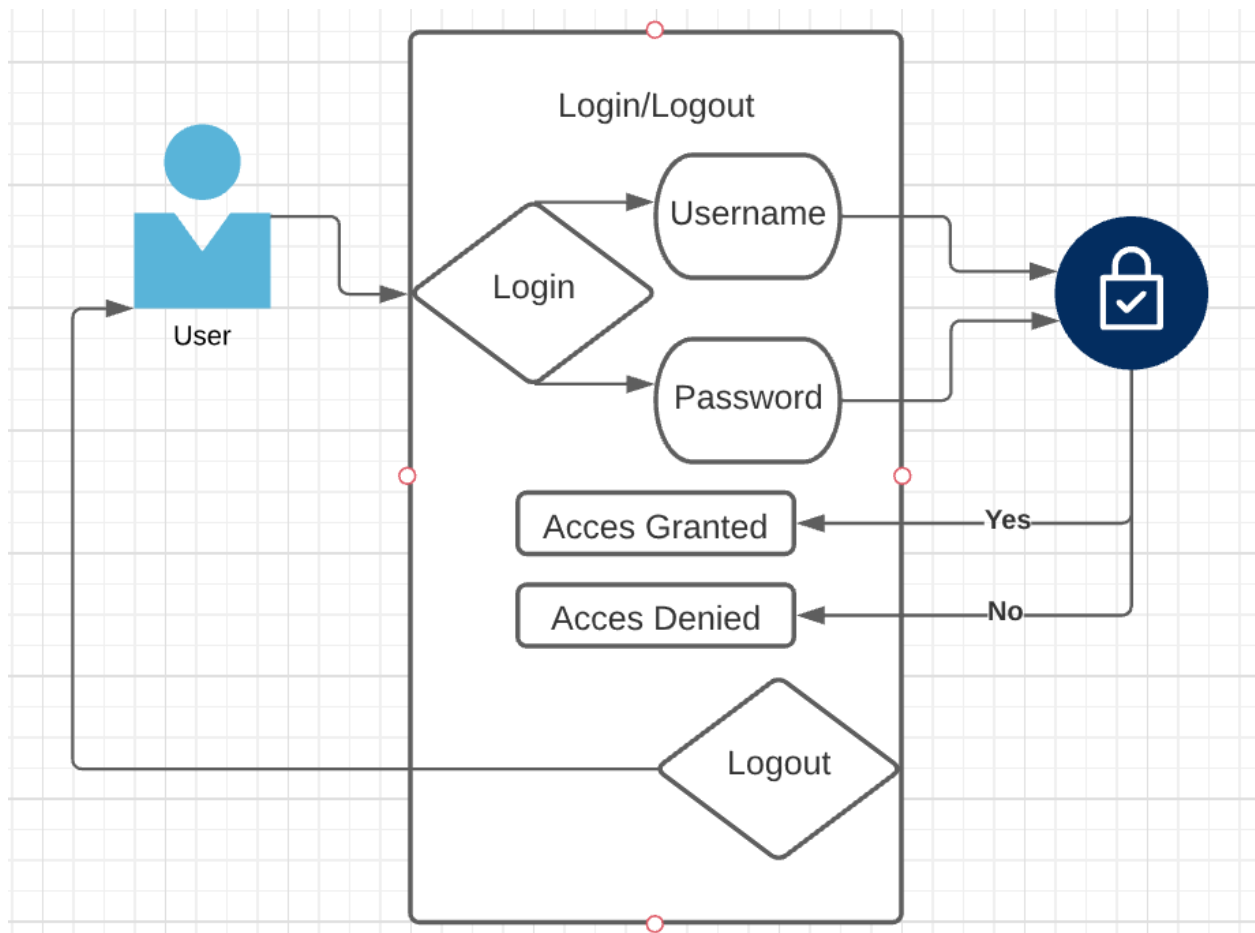
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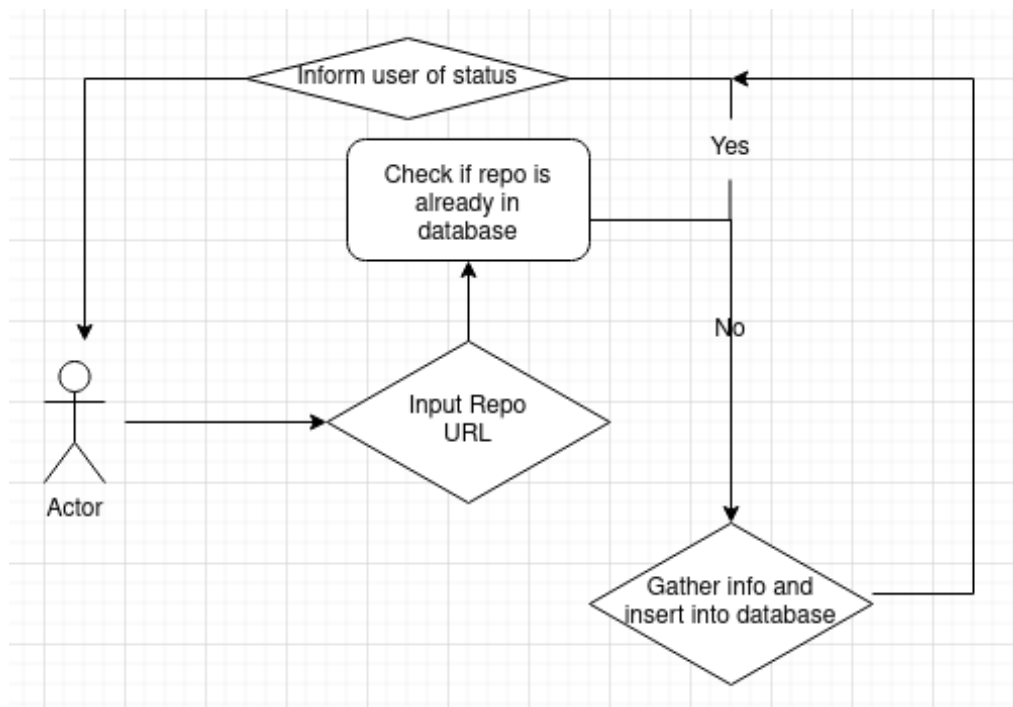
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Use Case Diagram:



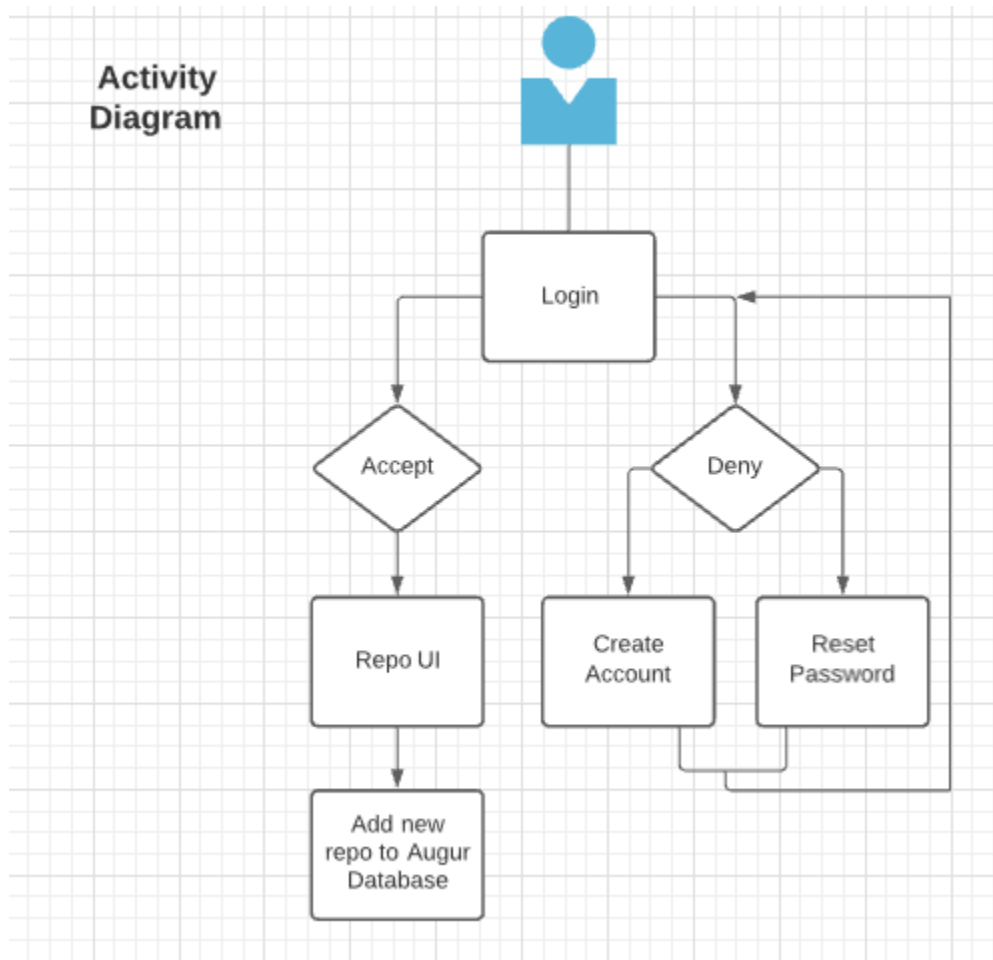
This use case diagram depicts the process of a student logging in and logging out of the submission service. Initially when a student tries to login they are prompted with their username and password, which is sent to an authenticator when given. If yes is returned they are granted access, if no is returned they are denied access. To logout they simply click log out and are not prompted for anything until they try to login again.

State Machine Diagram:



The state machine diagram shows the steps that the project will go through to add a repo to the database. First the user inputs the URL of a repo they want added, and then the system will check if the repo already exists in the database. If it does, it informs the user of this, and if it doesn't, repo information is collected. It is then added to the database and the user is informed of this.

Activity Diagram:



This activity diagram represents the overall scope of our application. A user will be tasked to login, without proper credentials they are faced with the option of creating a new account or resetting their password. If their credentials are accepted, they will be redirected to a UI that has an area for them to add a link to a repo that will be stored in the augur database.