

## **Class Grade Calculator - Ethical Considerations**

Since our Grade Calculator stores the grades of a certain student, there were some ethical considerations we had to keep in mind while developing the application. The main ethical consideration that relates to our project is confidentiality. Many students like to keep their grades to themselves, and would not like them to be easily viewed by others. This is why it was important for us to make sure that a student's stored grades could only be viewed by the user that entered them.

One way we addressed this confidentiality ethical consideration is by storing the user's password as a hash in the database. Storing the password as a hash makes it much harder for an individual to gain access to an account that does not belong to them.

Another way we addressed this ethical consideration is by making sure that the stored grades were only related to the user that entered them. This helped ensure that the user would only be able to view grades that were entered and stored by them.