

Security Question's

Starting with our site, we plan on using a secure https connection. Our initial plan is to authenticate users with their Microsoft 365 point park information. If we were to store user passwords in the database we we hash and salt them. When it comes to our MySQL queries we will ensure to insert them correctly. For example insert into table values (?, ?, ?). Sensitive data is anything dealing someone's personal data like their race, religious beliefs, health, or academic records. Since we are dealing with students information we have to make sure we follow all the rules set by the Family Educational Rights and Privacy Act (Ferpa). Only the users who are authorized to view student grades and course info should be allowed. Any passwords we need to store will be hashed and salted to ensure the privacy of the user. Nodejs has a module crypto module that has the sha256 algorithm making it easy to hash passwords.