For my final project, I would like to create a password manager with Java and SQL.This project will aim to create a program with a GUI, and allow the user to create, encrypt, store, search, and delete passwords in a database with SQL. This will allow the user to have a typical password manager to interface with websites with.

This project will be made with IntelliJ Idea Community Edition for an IDE, and MySQL Workbench for using SQL. This program will auto-generate passwords for the user to use for any given website. This program will allow for encryption, to add the option of storing encrypted passwords, and using those instead.

For resources, I will be needing to learn about AES for this project, and javaFX as well. I have limited experience in these, so I will be needing to reference online resources.

​​ “JavaFX Tutorial - Javatpoint.” *Www.Javatpoint.Com*, www.javatpoint.com/javafx-tutorial. Accessed 5 Nov. 2023.

“AES 256 Encryption in Java - Javatpoint.” *Www.Javatpoint.Com*, www.javatpoint.com/aes-256-encryption-in-java#:~:text=AES%20is%20an%20Advanced%20Encryption,for%20both%20encryption%20and%20decryption. Accessed 5 Nov. 2023.