**Security Issues**

**Man in the Middle**

Our system is susceptible to the man in the middle attack as demonstrated during this project.

This can be mitigated through the use of HTTPS to send any data.

**Rainbow Tables**

If some malicious individual manages to get their hands on the hashes of the passwords, they are potentially susceptible to a Rainbow Table attack.

This can be mitigated by salting all passwords stored in the database, as well as using HTTPS to send data from the client to the server.

**The stored procedure**

The stored procedure can cause an issue where an administrator uses an insert statement to store a new user rather than using the stored procedure.

To solve this issue, a trigger should be used instead to automatically hash and salt a new user’s password.