Project Writeup Act 2

CSEC-380 Project Group 13

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**What Web Application security mechanisms are involved in your topology? What security mechanisms would ideally be involved?**

Do to this project containing sensitive authentication data, there will need to be a SQL database containing hashed passwords using bcrypt and there will need to be authentication cookies. There will also have to be checks on the backend making sure a user has the proper permissions to perform a task. In an ideal environment there would be strict authentication checks and protects against credential stuffing and other web-based attacks.

**What testing framework did you choose and why?**

We chose to use the recommended TravisCI with pytest. We are all comfortable with python, and TravisCI is quick and easy to setup, and is well supported.