# CS 305 Module Two Code Review and Mitigation Plan Assignment

## Areas of Security

* There are a few points on the VAPFD diagram pertaining to security of the application that are incredibly relevant. They are as follows: Secure API’s, error handling, proper code practices and quality.
* A secure API is important to the application because the use of API’s and data transfer has a need to protect. Businesses and private entities may use API’s were sensitive information is transferred – which may also tie into a need for encryption.
* Error handling will be very important due to the fact that any user input or possible software issues can be dealt with before they become a problem.
* Proper coding practices and top quality will help ensure that the application is secure in its own way

## Code Review Summary

* Many vulnerabilities are associated with different plug-ins lie within the package Maven - Spring, Tomcat Apache, and fasterXML-jackson.

## Mitigation Plan

* Make sure all used packages and plug-ins are at latest versions. Some of the libraries being used we can not be responsible for any mistakes on their end, so we must do our best to keep up with their latest security updates.