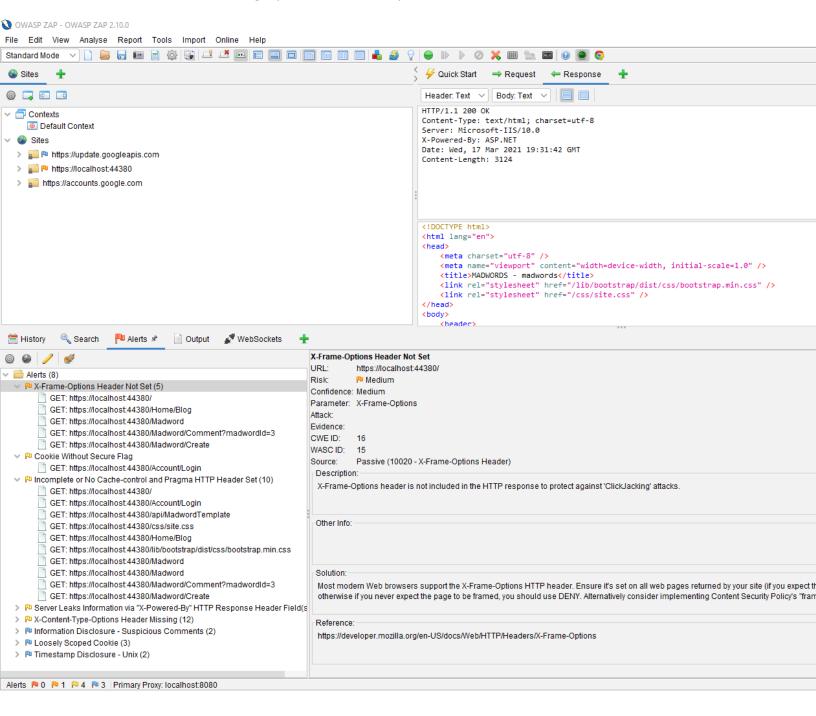
Security Test Using ZAP 3/17/2021
Joseph Sepe

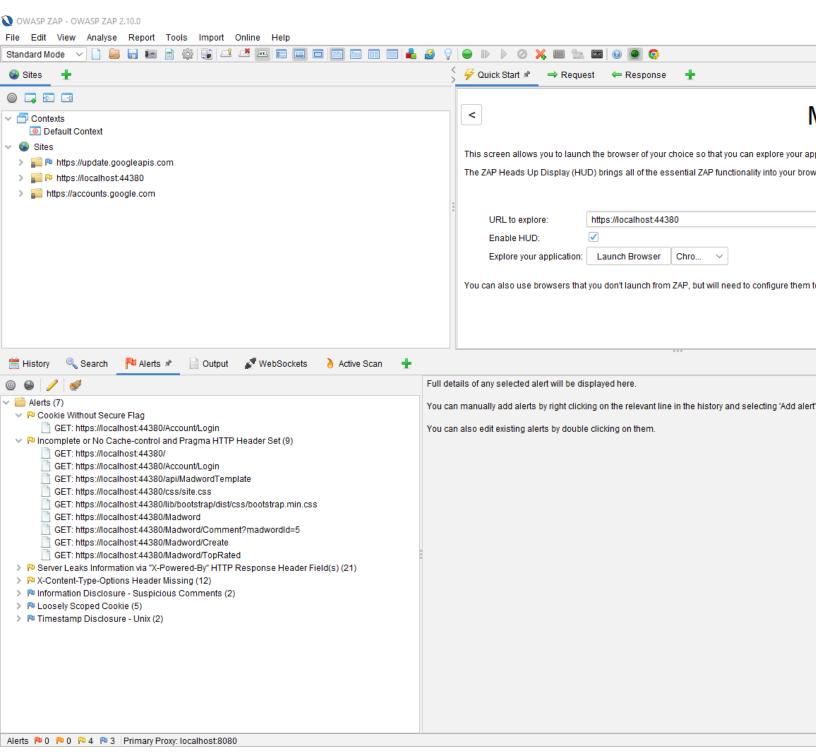
After first run of my ZAP tests I had a few Medium Alerts. The rest were low and I believe some had to do with the IIS web server Visual Studio is running. The low ones that had to deal with IIS don't really seem necessary to fix since I'm not running IIS on my server when I'm hosting my project. Here's the first run showing my medium x-frame-options-header not set.



Following the guide linked below, I set the x-frame-options as SAMEORIGIN inside my startup.cs in the configuration method. This prevents ClickJacking attacks.

https://dotnetcoretutorials.com/2017/01/08/set-x-frame-options-asp-net-core/

Here's the run after adding the SAMEORIGIN code



One thing I did notice was that my form is validating data on the client side. This has to do with the way my program is working at the moment. Somebody can circumvent the required fields and type in whatever they want in the form to post whatever text they want in the create a MADWORD form. I understand this is a problem in terms of breaking my game, but I do not see any security threats here since ASP.net still prevents hackers from getting in through that form. I plan to fix this bug in a future release of my game. Here's an example

