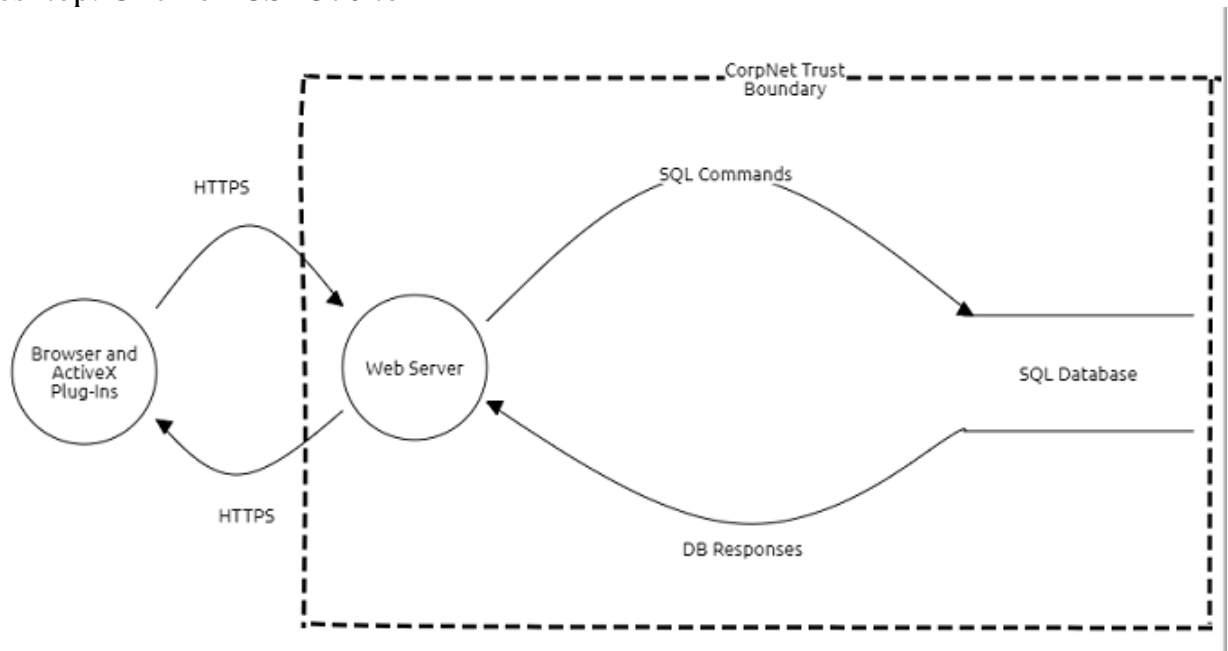


Threat Modeling Exercise

For this exercise you'll be using OWASP's Threat Dragon tool. Threat modeling is used to identify vulnerabilities to a system design before it is built. Read the instructions carefully before you begin.

1. Download the version for your operating system at:
<https://github.com/OWASP/threat-dragon/releases> for this exercise, the version was V2.2.0
2. Install and start the app.
3. Click on 'Create a new, empty threat model' from the opening window.
4. Use your last name _CSD370 as the title; ex. Sampson_CSD370
5. Add your full name as the Owner and add my name as the contributor.
6. Click 'Add a new diagram'. Name the diagram CSD370, note that the type of threat identification is STRIDE, then click 'Save', (save the file as your last name _CSD370) then 'Close'. You'll be brought back to your application desktop. Click on CSD370 to



build your diagram.

7. Review the Sample Model Construction video in the module's Weekly Reading.
8. Once the diagram is complete, click the red 'Save'. Then click the SQL Database element on the diagram, and then the red '+ New Threat' button.

9. Add a more descriptive title, then click on the small up/down arrow for Type of threat and select one. Provide a more detailed description of the threat, and provide an additional mechanism for mitigating that threat, (might need to do a little research for this section). Change its threat status to Mitigated, and Priority to Low. Then Apply.
10. Add two more threats for the SQL Database, one of which has not been mitigated, and still has a high priority.
11. Click the red 'Save' button.
12. Click on File Menu, then Export As, and save as PDF. This is what you'll be submitting for the assignment.