Activity 4

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Grand Canyon University: CST-256-O500

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**Repository Info**

**GitHub Repository**

The project is hosted at: <https://github.com/DanielCender/CST-256>. This assignment’s code is contained under the folder ‘activity4’. No vendor information was pushed with the project code, so all Composer dependencies will need to be installed prior to running ‘php artisan serve’. This application was served using Valet, just as a reference.

**Debugger**

This section went over defining some basic debugging techniques using XDebug tooling with Visual Studio Code.

**Screenshots**

1. Breakpoint 1 (index.php)

(since this application is deployed using Valet, there is no index.php applicable in which to set a breakpoint, to my knowledge)

1. Code stepping through Variables page.

Text

Description automatically generated

Text

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With the username/password set:

Text

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1. Breakpoint 2 with Variables (in SecurityService business service)

Text

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1. Breakpoint 3 with Variables

Text

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These layers are pretty thin, so only a bit more information can be gleaned from setting breakpoints in these classes. It would help primarily when attempting to figure out why a login was not working as expected.

**Logging**

This section introduces using transaction-based MySQL queries to chain together data operations into a larger operation.

**Screenshots**

1. Log File from Part 2 Step 2g

Text

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1. Log File from Part 2 Step 3f

Text

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1. Log File from Part 2 Step 4e (the logs posted using the MyLogger1 class, the same as above when calling the Log API).

A screenshot of a computer

Description automatically generated with medium confidence

References