**CIS-2288 VIDEO PRESENTATION**

**OUR TOPIC:**

**Source Code Control: Version Control with Git (NIMNA, CHIRS M, CHRIS S, BEHN)**

When working in the industry, you will need to keep track of the revision history of your code, create separate versions for testing, and new releases, and you will need to share your code with other programmers.  Version control, or source control systems are not new in the software industry, and a modern system supports all kinds of software building requirements. Git has become a very popular control system for a number of reasons. For this presentation, give a background primer on why source control is necessary, and what some of the challenges are. Introduce Git and provide a live demonstration of how it works. Discuss GitHub and what makes it is so popular.

**WHAT YOU MAY REQUIRE:**

With our demonstration section, you may require some software if you do not have Git installed on your system. Below, we have outlined what you will require depending on the operation system you are utilizing. If you have any questions or concerns regarding the installation of these products, please see the installation guide associated with the product itself.

Any source code ( IE. files that are used with our demonstrations ) are simple text / html file types. They are not provided as we assume that our viewers can create those file types for the purpose of the demonstrations.

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| Windows: | \*<https://www.sourcetreeapp.com/>  \*ALTERNATIVE: <https://git-for-windows.github.io/> |
| Mac: | \*<https://www.sourcetreeapp.com/>  \*ALTERNATIVE: <http://www.git-tower.com/> |
| Linux: | <https://git-scm.com/download/linux> |

\* - These are GUI interfaces but we will use their CLI interface capabilities for our demonstrations.

**REFERENCES:**

Git Book - <https://git-scm.com/book/en/v2>

GitHub - <https://github.com/>