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CIS 445: Project 1

**Rough Draft & Working Document**

*For storing, sharing, and developing links and concepts on our topic*

**Brief Presentation Overview for October 4th:**

*Selected topic*: Studying JSON alternatives for configuration files across a variety of systems.

*Topic Details (What we expect to learn):*

* *Possible Serialization Alternatives:* YAML, XML, BSON, UBJSON
* *Possible Configuration Types:* .INI, .CFG, .SYS
* *Possible Systems of Study:* Microsoft Windows, MS-DOS, IBM-OS/2

*Purpose:* Analyzing how different systems may benefit/suffer from certain serialization formats when compared to JSON, and the intentions behind developing specific configuration files.

*Target Audience:* Focused on developers and their management teams. Anyone who may be looking to choose a serialization format for their system configurations would be able to utilize this research for performance improvements.

*Prototypes:* Basic configuration files in various formats for demonstration and visual aid in research.

*Milestones:*

* *Background Research Complete:* ...10/12/18
* *First Draft of Demonstration Configuration Files:* ...10/12/18
* *First Draft of Research:* ...10/14/18
* *Final Draft of Demonstration Configuration Files:* ...10/16/18
* *Final Draft of Research:* ...10/16/18