Software Development Unit – ISDD

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Dates - May 4th - EOY

Goals

* Understand the importance of Version Control and how to use it
* Documentation which includes readme files and commit notes
* Promoting and building the collaborative process within software dev

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| Big Ideas - understandings that students will be able to apply across various situations | Objectives - what the students to be able to do | Knowledge - what the students must know |
| * Understand the importance of Version Control | * Evaluate the importance of versioning * Determine when the use of version control is appropriate * Recall experiences where the use of version control would have been beneficial * Identify parts of projects and the iterations within them | * What is a version * Why are versions useful * How can versions be managed   + Simplistic (save as)   + Repository   + Pure Documentation * Importance of standardized procedure/protocol |
| * Effectively manage and maintain projects (specifically in a group) using versions and project iterations. | * Create project iterations using version control systems (Git) |  |
| * Documentation which includes readme files and commit notes | * Understand the importance of documentation in both an individual and a collaborative setting * Develop appropriate Readme files that explain the purpose of a project, provide usage instructions, and direct users to appropriate documentation |  |
| * Promoting and building the collaborative process within software dev |  |  |