Our development team will use consistent naming conventions, regardless of the developer. This ensures that the system code and documentation remains consistent so that any developer could review it at a later date and quickly understand the original developer’s intent.

**Storage Units**

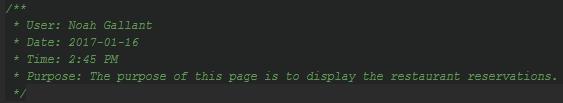
All system development within the project will be using version control. With version control, everybody on the team is able to work freely without the worry of interference from another developer accessing the same file at the same time. Version control will allow developers to merge all of their changes into a common version so there is no doubt what and where the latest version of the system is. Version control also easily allows for rollbacks should something go wrong with the system. We will be using GitHub in combination with SourceTree as our version control software. All developers have previous experience using SourceTree for version control, so everyone is fluent with the software. For the storage of documentation such as this, our team is using Google Docs. Google Docs is easy to use and anyone can access it at any time to view or make changes.

**Executable and Source Code**

Web application files are usually all lowercase and are named after the feature they provide, such as “index.php.” Web applications usually have a set file structure and hierarchy, for example images going in the “Images” folder and stylesheets going in the “CSS” folder. Our development team will follow these common practices for file names and folder structure in regards to the web side of things. In terms of a software executable, the file name should be written using upper camelcasing and named after the system, such as “PorkShop.exe”.

**Header Documentation**

The header documentation is usually written by the main developer(s) writing the code. It is used so that developers looking at the code in the future will know who the developer was and what their intent had been. Below is an example image of header documentation.

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Aside from header documentation, in-line comments are expected as well. These are very important if a certain section of code is doing something overly important or complex. These comments will make it easier for other developers to understand the logic.

**Database and Table Naming**

Our database is tentatively named “pork\_shop”. Identifiers should be written entirely in lowercase. This includes tables, views, columns, etc. Table names should be singular, such as using “user” and not “users”. Attributes will be named using lower camelcasing, starting with the name of the table they are in (userPassword).

**Variable/Function/Class Naming**

Methods, functions, and variables should be named using the lower camelcasing convention, such as “authenticateUser”. Variables are typically named after attributes or data, whilst methods and functions are named for what they accomplish. Classes, however, follow upper camelcase, such as “User”. Classes are usually nouns that represent a person or other entity.

**Document Naming**

Documents are named after the project, the deliverable, and the author(s). This document, for example, is named “CIS2261\_Project\_Statement\_Bryan\_Heather\_Jonathan\_Noah\_Shane”.