Documentation Packet Week Ending [Sep 10th]

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| Department:\_\_\_\_\_\_\_ | Student:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

# Goals:

* Successfully fork, clone, edit, commit, push, and pull request the DocPac git repository on GitHub
* Begin compiling notebook by writing instructions for initializing a Nodejs project and creating an HTTP server in Nodejs
* Begin compiling your portfolio by printing out your Nodejs HTTP Server code

# Included Documentation

* Creating Your Notebook (pg. 2)
* Creating Your Portfolio (pg. 2)
* DocPacs on Github (pg. 2)
* DocPac Github Repository



# Required Documentation

*  “Notebook 1: Initialize Nodejs Project“
*  “Notebook 2: Nodejs HTTP Server“
*  “Portfolio 1: Nodejs HTTP Server“

# Changes:

* Notebook entries will now be stored in the DocPac binder
* Portfolio entries will now be stored in the DocPac binder
* DocPacs now available for editing on Github
* QR Codes provided on the DocPac when available

# Events:

* Sep. 7th: Weekly Review
* Sep. 7th: [Video] Imposter Syndrome (Extra Credits)
* Sep. 7th: [Lecture] The Importance of Documentation
* Sep. 9th: [Live Tutorial] Accessing the DocPac Git Repo on Github
* Sep. 10th: DocPac Sep3 and Sep10 due for grading

# Creating Your Notebook

Going forward, we will be maintaining a record of what we have studied for future use. This notebook will be made of a series of mini tutorials that you will write for yourself. The goal is that future students of this class should be able to use your material to pass the class with no additional instruction.

Using your choice of word processor, you will need to create two tutorials. The first teaches the reader how to initialize a Nodejs project. The second will demonstrate and explain how to create an HTTP server in Nodejs. Each tutorials should fit onto a minimum of one page.

Check your tutorials for the following before submitting:

* Does it use a variety of text, diagrams, and screenshots.
  + Are they *your* text/diagrams/screenshots?
* Can you complete the tutorial from scratch without any foreseeable problems?
* Can a friend or relative with less/no experience complete your tutorials without help?
* If a future employer knew you wrote this, would it prove you understood the material?

# Creating Your Portfolio

We will also be compiling a portfolio that demonstrates our abilities. As you complete projects in this class, you should create presentations of them in your coice of word processor. You should provide clean/commented code, screenshots, and diagrams.

The first project will be your Nodejs HTTP server. Create at least one page of presentation of the project. Print it out for your DocPac Binder.

# DocPacs on Github

You can not only access, but also edit the DocPacs for this class on Github.com

<https://github.com/csmith1188/docpacs2122>

You will need to create a Github account using your school email, if you have not already.

Once signed in, and on the Github repo page for our DocPacs, you will need to click the “Fork” button. This will create a copy of the Github repo on your account.

You can use Github Desktop to “Clone” the repository from its “origin” online to your local PC.

Once cloned, you can make changes to the DocPacs. Any changes you save will appear in the Staged Changes in the Github Desktop application. You can “Commit” these changes to the local repository, and “Push” them back to your origin online.

You can then open a “Pull Request” on my original DocPacs repository. I can review, and if accepted, your changes will overwrite my files.

**Please put your name in the ‘Readme.md’ file, and have the changes accepted by Mr. Smith by the end of the week.**

# Reflection

**What was the most impactful thing you learned this week?** **How can/will you use it in the future?**

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**What did you do *wrong* this week that you could do better in the future, and how?**

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**What is an obstacle to succeeding in class that you can foresee, and what plan do you have to overcome it?**

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# Grading

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|  | | Complete | Followed Instructions | |
| Reflection | | ❑ | ❑ | |
|  | | Present | Complete | No Errors |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp [Notebook] Initialize Nodejs Project | | ❑ | ❑ | ❑ |
|  | | Present | Complete | No Errors |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp [Notebook] Nodejs HTTP Server | | ❑ | ❑ | ❑ |
|  | | Present | Complete | No Errors |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp [Portfolio] Nodejs HTTP Server | | ❑ | ❑ | ❑ |
|  | | Present | Complete |  |
| Download from cloudDocPacs on Github (pg. 2) | | ❑ | ❑ |  |
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Qr code

Description automatically generated

DocPacs Github Repository