***Documentation Packet Week Ending [Nov 12th]***

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| Team: \_\_\_\_\_\_\_ | Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Rev 2) |

# Goals:

* Receive projects and sign contracts
* Analyze project requirements and design an MVP
* Break plans down into smaller pieces, set goals and timelines
* Begin preparing for Quarter 2 Exam

# Included Documentation

* Project Assignment Schedule (pg. 2)
* Quarter 2 Exam Expectations (pg. 2)
*  Exam Preparation Plan

# Required Documentation

*  Exam Preparation Plan
* Pencil Svg Png Icon Free Download (#376363 ... Codecademy: Learn Javascript, Loops. Lesson, Project, and Quiz

# Changes:

* DocPac review now a part of Weekly Review
* Reflection instructions clarified in DocPac

# Events:

* Nov 8th: Check your emails before class begins
* Nov 8th, 8:15am: Weekly Review
* Nov 8th, 8:45am: Private Meetings
* Nov 8th, 9:50am Brainstorming Design Questions
* Nov 9th, 1:40pm: Teams A, C, D receive projects
* Nov 10th, 9:50am:Teams E, F, G receive projects
* Nov 10th: Minimum Viable Product and Making Plans
* Nov 11th: Exam Preparation Plans

# Project Assignment Schedule

Please arrive promptly at the listed time below. Be prepared to ask as many questions about the project as possible. Prepare a list beforehand of generic questions that will apply to all possible projects, and possibly a few questions for the project you are expecting to get.

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| Team A: Nov 9th, 1:40pm | Team C: Nov 9th, 2:05pm |
| Team D: Nov 9th, 2:30pm | Team E: Nov 10th, 9:50am |
| Team F: Nov 10th, 10:20am | Team G: Nov 10th, 10:50am |

# Exam Preparation Plan

At the end of this Quarter, you will be expected to complete a series of tasks and build an operational web application in NodeJS according to instructions. Begin writing detailed guides/documentation on how to complete the following individual tasks.

* Initialize a NodeJS project in a chosen folder
* Install and import ExpressJS into your node application
* Configure ExpressJS to use EJS as its view engine
* Configure ExpressJS to parse URL-encoded POST data
* Create a GET request endpoint handler in ExpressJS
  + Must respond to user with a rendered EJS template
  + Must be able to insert data into the template in the response
* Create a POST request endpoint handler in ExpressJS
  + Must respond to user with a rendered EJS template
  + Must be able to insert data into the template in the response
* Create at least two EJS templates with data insertion points
* Read data from a “.json” file
* Convert JSON data from a “.json” file into a Javascript Object
* Create and manipulate JS objects and their **properties**
* Create, and add data to a JS array
* Use **for loops** in Javascript and EJS
* Convert Javascript objects to JSON strings
* Write/append JSON data to a “.json” file

Furthermore, you must develop a plan to break down learning and preparing for this Exam into smaller, trackable steps in order to track your preparation for the Exam.

# Reflection

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

* You do not have to write about something you learned in *this* class.
* If you have not learned something specific, write about the most impactful thing to happen to you this week.
* If you choose something we learned in this class, tell me in what specific scenario you plan to use it, or how it has changed the way you understand other things in the class.

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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?**

* You must write a ***plan*** to overcome said obstacle
* The plan must involve something you have the power to control
* Tell me **WHAT** you will do, **WHEN** or how often you will measure progress, and **HOW** you will measure said progress

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# Grading

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|  | Complete | Followed Instructions |
| Reflection | ❑ | ❑ |
|  | Complete | |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp Exam Preparation Plan | ❑❑❑ | |
|  | Complete | |
| Codecademy: Loops | ❑❑ | |
|  | Undamaged | |
| DocPac Condition | ❑ | |