***Documentation Packet [ 7 06 10 23 ] Oct 6th 2024***

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| Student Name: |  |
| Goals:  1. Hit next goal on Senior Projects 2. Progress goals for Juniors | Events:  1. DocPac Due Oct 6th 2. Guest Speaker, Oct 6th |
| Included Documentation  1. [S] Senior Project Progress 2. [J] Junior Study Progress 3. [J] NEE Stack practice 4. Reflection | Required Documentation:  1. [S] Senior Project Progress 2. [J] Junior Study Progress 3. [J] NEE Stack practice 4. Reflection |
| Changes/Notes:  1. None | |

# Personal Project Progress

What did you work on with computers and technology over the week(end)? In the box below, write where (specifically) the instructor can find proof of this work or test it.

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[S] Senior Project Progress

1. Meet with your project team and determine the short-term goals for your project.
2. Break the project into achievable goals, order/arrange/organize them, and put them in a project tracking method such as Github Projects, Github Issues, or a Kanban board such as Trello.
3. Assign one goal that can be completed by the end of the day Friday to each member of the group, according to their strengths.
4. Write your assigned goal in the box below, along with where this goal is posted for the instructor to approve it.
5. Have your instructor sign the approval box on the first day of class.
6. Complete the goal by Friday, and add it to your project’s repository.
7. In the box below, write where this completed goal can be found.

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| Description of and where to find your assigned goal: | Instructor Approved |
| Where to find completed goal: | Instructor Graded |

# [J] Junior Study Progress

Look at your task list. Which of the three items you chose this week did you master?

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What did you do to master these task list items, and why do you believe it worked?

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# [J] NEE Stack Forms

Create a new nodeJS project to practice nodeJS, ExpressJS, and EJS. Use your senior mentor and online resources to complete the following tasks. As a matter of self-educating, practice reading online tutorials and documentation instead of asking ChatGPT.

1. Create and initialize a nodeJS project
2. Install ExpressJS into your project
3. Import ExpressJS module
4. Configure ExpressJS to use the EJS templating engine
5. Create a HTTP Listen Server with Express
6. Create a root (‘/’) GET endpoint that responds by **sending** a premade HTML homepage
   1. This HTML page has an HTML Form containing a *text input*, a *checkbox input,* each with *name* attributes*,* and a *submit* button with the correct *method* and *action* attributes
7. Create a POST endpoint for the HTML Form to “action” to.
   1. In this endpoint, read the text and checkbox inputs, then respond by rendering an EJS template that displays the text input’s value.
   2. In the EJS template, if the checkbox was checked, display any image (you can use inline Javascript by wrapping it in <% %>

When you are finished:

1. Delete the ‘node\_modules’ folder
2. Rename your project folder to “FirstnameLastname”, and move it to this DocPac’s “neeforms” folder. If this folder does not exist, create it exactly as worded here.
3. Commit your changes to your DocPac repo fork. Open a Pull Request to have your work merged into the class’s DocPac Repo (ask a senior if you need assistance)

# Reflection

(If you can’t relate your answers to the question, class, or programming, you may use other classes or life circumstances instead. Just give your best answer every time.)

**Review your Reflection from last week. Did the problem or opportunity occur again, and/or did you successfully implement your solution? If so, what effect did it have? If not, why not?**

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**What is one mistake or missed opportunity from this week? What changes can you make to prevent this from happening/being missed in the future?**

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**Looking forward to next week, what is one problem or opportunity that is upcoming, and what can you do to mitigate/take advantage of it?**

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| 10 | You went above and beyond expectations. You applied knowledge that was not taught in this class in addition to what was taught. Additional rewards are given | * All assignments start at 10/10 possible points * 1 point is deducted per infraction   + Lateness   + Mistakes   + Unprofessionalism   + Not following instructions * Outstanding submissions, or submissions on assignments not marked in “Required Documentation” can reward pogs |
| 10 | You performed as well as can be expected for this class. You show a complete understanding and made no mistakes. You have mastered the subject. |
| 8 | Assignment is complete. You show a good understanding of the subject, but there are mistakes or minor incorrect details. You are ready to move to new subjects. |
| 7 | You show and understanding of the subject, but there are serious errors, or there are pieces you can practically use without understanding them. Remediation needed. |
| 6 | Assignment is incomplete but/or you showed that you understand at least the fundamentals of the subject. Assignment is low effort. Serious need of remediation. |
| 5 | You show minimum effort, assignment is incomplete, or have serious mistakes. You did not demonstrate that you understand the content or purpose of the submission. |
| 0 | The work was not submitted, damaged, seriously incorrect, or unprofessional. The submission is rejected. |

# Personal Project Progress

[S] Senior Project Progress

# [J] Junior Study Progress

# [J] NEE Stack Forms

# Reflection