***Documentation Packet Week Ending [Mar 18th]***

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| Team: \_\_\_\_\_\_\_ | Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| Goals:  * Complete Flashcard Project * Study for Exam 3 * Create own Docpacs * PowerPoint Presentation | Events:  * Mar 14th: Weekly Review * Mar 18th: Docpacs Due |
| Included Documentation  * Individual: Reflection (pg.3) * Exam 3 Prep (pg.2) | Required Documentation  * Individual: Flash Card Program * Individual: Reflection * Individual: PowerPoint Presentation * Individual: Docpac Creation * Individual: Lesson Notes |
| Changes:  * There are no changes | |
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| **Table 1** |
| Github Submissions  * “node\_modules” must be excluded from the PR. Use .gitingore *AND TEST IT*.   + Make sure no files from a node\_modules folder are in your Changes before you commit * Pull Requests can only change files and DocPacs related to this DocPac * Pull Requests can only contain commits from you |

# Teams

* Christian Boldt, Saimye Dennis, Tyler Rich, and Jaysin Haugh are considered to be Team B for the sake of assignment submissions this week.
* John Eckert, Abbygail Caron, and Logan Hiller are considered to be Team E for the sake of assignment submissions this week.

# Exam 3 Practice Assignment:

* Start a NodeJS server/project
* Install EJS and ExpressJS
* Make EJS the View Engine, and use URL encoded Post Data
* Get parsed data from a JSON file
* Have a GET endpoint on **‘/’** that returns a EJS template with all orders and all other pages
* GET **‘/ordertaker’** which posts the Customer Name and Address to **‘/ordertaker’**
* POST **‘/ordertaker’** that shows if the Customer put in both their name and address
  + If they did not, return that they left a field blank
  + If they did, create a new object with these properties, and push to data’s object’s array, printing that the order has been created
    - Order Number
    - Customers Name
    - Customers Address
    - Item Array
    - Subtotal, Tax, and Total all set to 0
  + Convert Data object to a JSON string, and Link back to ‘/’
* GET **‘/additem’** that sends a HTML form containing:
  + Order Number
  + Item Name
  + Quantity
  + Price
  + Button that posts **‘/additem’**
* Once you POST **‘/additem’** 
  + If any field was empty, send them something that says it didn’t work
  + Find if the order number they used actually exists
  + Calculate what the subtotal will be (rounded to the nearest 100th place, if the tax is 0.06
  + Return to **‘/’** after completion
* Get **‘/views’** that lists all Customer Name and Order Numbers
  + Use ‘/views’ with parameters to load the order chosen with the number (It should look like this /view?order=1)
  + When the order is chosen, return a table showing all of the information on the order, including:
    - Order Number
    - Customer Name
    - Customer Address
    - Items:
      * Name
      * Price
      * Quantity
    - Subtotal
    - Tax
    - Total
  + Otherwise return “Invalid Order Number”
  + Link back to “/” and “/view”

# Reflection

**[First Day] What did you take away from the Weekly Review this week?**

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**[First Day] How do you feel going into this week? What can you do to prepare to succeed?**

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**[Last Day] What was a significant challenge you had this week? How did you overcome it, or how will you overcome something like it happening in the future?**

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**[Last Day] What do you think of the lessons/activities in the class this week?**

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# Grading

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| +5 | You went above and beyond expectations. This tier will increase your overall score for the quarter, in addition to this DocPac. |
| +3 | You performed as well as expected for this class. This tier is the maximum score for this DocPac. |
| +2 | You show minimum effort, insufficient understanding, or have serious mistakes. This is the minimum passing tier for this DocPac. |
| 0 | The work was not submitted, damaged, seriously incorrect, or unprofessional. This is the failing/rejected tier. |

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| |  |  |  | | --- | --- | --- | |  |  | Reflection | | ❑ | S | Insightful and thoughtful | | ❑ | A | Good reflection | | ❑ | C | Did not follow directions | | ❑ | F | Did not complete | | |  |  |  | | --- | --- | --- | |  |  | DocPac Condition | | ❑ | +3 | You had a PR accepted | | ❑ | +1 | Neatly folded. Undamaged | | ❑ | 0 | Bent corners, creases, stains | |
| |  |  | | --- | --- | | Pull Request # |  | | to repo/branch: |  | | from repo/branch: |  | | |  |  |  | | --- | --- | --- | |  | Download from cloud | Flash Card Program | | ❑ | S | Exceeds Expectations | | ❑ | A | Good reflection | | ❑ | C | Did not follow directions | | ❑ | F | Did not complete | |
| |  |  |  | | --- | --- | --- | |  |  | Student DocPac Pt. 5 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | |  |  | Student DocPac Pt. 7 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | | |  |  |  | | --- | --- | --- | |  |  | Student DocPac Pt. 6 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | |  |  | Student DocPac Pt. 8 | | ❑ | S | Exceeds Expectations | | ❑ | A | Meets Expectations | | ❑ | C | Serious Errors | | ❑ | F | Did not complete | |