Documentation Packet Week Ending [Oct 1st]

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

# Goals:

* Successfully use EJS to create templates to serve with ExpressJS
  + (Change the output of a webpage before sending to the user)
* Use repository branching to organize complex Git projects
* Review the basics of Javascript and prepare to study the language

# Included Documentation

* Notebook Development



# Required Documentation

*  “Notebook 1: Initializing NodeJS Project”
*  “Notebook 2: NodeJS HTTP Server”
*  “Notebook 3: Using ExpressJS with NodeJS”
*  “Notebook 4: Using EJS with ExpressJS”
*  Team Trello Board
* Pencil Svg Png Icon Free Download (#376363 ... Codecademy “Learn Javascript” course, “Conditionals” Chapter
  + Includes the Lesson, both Projects, and the Quiz

# Changes:

* Your Notebook and Portfolio pages will now be penalized per major mistake made, rather than “present/complete/no errors”
* You can now elect to share a submission with another team member by indicating their name on that submission on the back of the DocPac
  + Write their name in the “Submitter” box

# Events:

* Sep. 27th: Weekly Review
* Sep. 27th: [Lesson] Notebook Development
* Sep. 29th: [Lesson] Project Management with KanBan
* Oct. 1st: [Assessment] ExpressJS HTTP Server

# Notebook 1: Initializing a NodeJS Project

Must cover these topics:

* How and where to create a project folder, and what files to put in it
* How to navigate to that folder using CMD Prompt
* How to use ‘npm init’
* How make a main \*.js file for the project
* How to run the application from CMD Prompt

# Notebook 2: NodeJS HTTP Server

Must cover these topics:

* Link to the skills needed for this tutorial in previous tutorials
* How to use the ‘http’ NodeJS module to create a listen server
* How to handle requests and responses
* How to send different responses depending on the URL the user tried to connect to

# Notebook 3: Using ExpressJS with NodeJS

**THIS IS A NEW TUTORIAL PAGE**

Must cover these topics:

* Link to the skills needed for this tutorial in previous tutorials
* How to use **npm** to install new packages in the project
* How to import those modules into your main application script
* How to set up an ExpressJS application in your code
* How to handle GET requests at different endpoints using ExpressJS
* How to start a listen server with ExpressJS

# Notebook 4: Using EJS with ExpressJS

Must cover these topics:

* Link to the skills needed for this tutorial in previous tutorials
* How to change ExpressJS’s view engine to use EJS as its view engine
* How to point ExpressJS to the correct directory for your EJS template files
* How to create an EJS template file and where to save it
* How to create insert points in your EJS template
* How to send data to an EJS template for its insert points when send the response
  + ( Using *res.render()* )

# Team Trello Board

Sign up for Trello using your school Google account. Create a new Workspace with a new Board. Invite your team members to this board. There only needs to be one board per team. Create a new card for every task you feel needs to be completed by the team before the end of the week. Have Mr. Smith sign and check your Trello board before submitting your DocPac.

# 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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# Grading

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|  | Complete | Followed Instructions | |
| Reflection | ❑ | ❑ | |
|  | Submitter | | Errors |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp Notebook 1: Initializing NodeJS Project |  | | ❑❑❑ |
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| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp Notebook 2: NodeJS HTTP Server |  | | ❑❑❑ |
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| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp Notebook 4: Using EJS with ExpressJS |  | | ❑❑❑ |
|  | Complete | | |
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