Documentation Packet Week Ending [Oct 15th]

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

# Goals:

* Ensure your Codecademy is up to date
* Analyze Meritocracy and Team Composition
* Understand the difference between HTTP GET and HTTP POST requests
* Accept and handle POST requests and parameters in ExpressJS
* Send POST requests w/ parameters via Postman
* Create an HTML form that can submit form data as a POST request

# Included Documentation

* Notebook 5: HTML Submit Form Data
* Notebook 6: ExpressJS POST Requests
* ExpressJS POST Requests
* Team Website Upgrade: Record Comments with HTML Form

# Required Documentation

*  Notebook 5: HTML Submit Form Data
*  Notebook 6: ExpressJS POST Requests
*  Team Website Upgrade: Record Comments with HTML Form
* Pencil Svg Png Icon Free Download (#376363 ... Codecademy: Everything assigned in previous DocPacs

# Changes:

* No Changes this week

# Events:

* Oct. 12th: Weekly Review
* Oct. 12th: [Lesson] HTTP Post Requests
* Oct. 14th: [Discussion] Meritocracy and Teams
* Oct. 15th: End-of-Week Code Review

# Notebook 5: HTML Submit Form Data

Write a new Notebook entry explaining to a new programmer how to submit form data in an HTML file in your web browser. Must contain the following:

* How to use <form> with the ‘action’ and ‘method’ attributes
* How to use <input> with the following attributes:
  + type = text and type = submit
  + name
  + value and placeholder
* How to use <textarea> with the following attributes:
  + name and form
  + cols and rows
* What does clicking the Submit button do?

# Notebook 6: ExpressJS POST Requests

Write a new Notebook entry explaining to a new programmer how to submit form data in an HTML file in your web browser. Must contain the following:

* How to create a POST endpoint in ExpressJS
* How to read the POST request’s body
* How to tell ExpressJS to *use* it’s ‘body-parser’ module to parse “URL-encoded request bodies” (the method HTML pages use by default)
* How to convert the POST data to JSON

Team Website Upgrade: Save Query Parameters to JSON

Right now, your team website has the “/feedback” endpoint. This can collect Query Parameters in the URL to save data to a JSON. There are many drawbacks to this. You will need to upgrade your team website to send a user to a new web page when they send a GET request with no Query Parameters to the endpoint “/feedback” This web page will have:

* An HTML Form that uses the POST method to “/feedback”, with three inputs:
  + A small text box for the user’s name
  + A larger text box for a large comment
  + A Submit button

When the user clicks submit, your server will handle the “/feedback” POST request and read the form data. If it is valid (contains a username and comment), it will push to the comments array and save it to the comments file the same way your “/feedback” GET request does now.

# 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 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 | ❑ | ❑ | |
|  | Submitter | | Errors |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp “Team Documentation: Notebook Entry Format” |  | | ❑❑❑ |
|  | Submitter | | Errors |
| C:\Users\csmith\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\6867D38F.tmp “Team Documentation: Notebook Entry Format” |  | | ❑❑❑ |
|  | Complete | | |
| Eye Icon - Free Download at Icons8 Team Website Upgrade: Load Team Profiles from JSON | ❑❑ | | |
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| Pencil Svg Png Icon Free Download (#376363 ... Codecademy | ❑❑ | | |
|  | Undamaged | | |
| DocPac Condition | ❑ | | |