

Instructions for IT202-M3 JavaScript/CSS Challenge (pts.

10.00) Instructions

Reminder: Make sure you start in dev branch it's up to date

- **git checkout dev**
- **git pull origin dev**
- **git checkout -b M3-Challenge-HW**

1. Download the template file into the new branch into the root repository directory:
challenge.html
2. Implement the changes defined in the body of the code found in the **challenge.html** file 3.
DO NOT edit anything where the comments tell you not to edit, you will lose points for not following directions
4. Make changes where the comments tell you (via **TODO's** or just above the lines that tell you not to edit below)
 - **Hint:** Just change things in the designated `<style>` and `</style>` tags
 - **Important:** The function that drives one of the challenges is
`updateCurrentPage(str)` which takes 1 parameter, a string of the word to display as the current page. This function is not included in the code of the page, along with a few other things, are linked via an external JavaScript .js file. Make sure you **do not** delete this line.
5. Create a branch called **M3-Challenge-HW** if you haven't done it already
6. Add this template to that branch (git add/commit)
7. Make a pull request for this branch once you push it. This will establish the new branch in github and allow you to incrementally work in your local repository while saving off versions of challenge.html from TODOs you have completed.
8. Follow the instructions via the **TODO** comments in the **challenge.html** file and the **Deliverables** defined below.
9. You may manually deploy the **M3-Challenge-HW** branch to dev to get the evidence for the below prompts (i.e., create a pull request by merging it to dev (i.e., base: dev ← compare: M3-Challenge-HW))
10. Create a new **m3_submission.pdf** file in the **M3-Challenge-HW** branch and fill it with the output generated from this page (be careful not to paste more than once)
11. Add, commit, and push the submission file
12. Close the pull request by merging it to dev (double check all looks good on dev)
13. Manually create a new pull request from dev to prod (i.e., base: prod ← compare: dev)
14. Complete the merge to deploy to production
15. Submit the direct link (URL) of the **m3_submission.pdf** from the prod branch to Canvas for this submission

Fill in the below Deliverables

Deliverable 1: Completed Challenge Screenshots (pts. 2)

Sub-Task 1: 5 Screenshots based on the checklist items for this task

For EACH screenshot:

- Make sure if the screenshot contains code that you have a relevant comment with your ucid, date, and explanation of what you're attempting, if not maximum grade for this item is 75%.
- Add a caption explaining what you're showing in the screenshot (required for full credit)

€ A screenshot showing the Primary page with the checklist items completed

Module 3

[Login](#) [Register](#) [Profile](#) [Logout](#)

Start

Challenges

✓ Edit the given `<style>` tag to customize the appearance of this page

✓(1 pt) Make the navigation horizontal	✓(1 pt) Get rid of the navigation list item markers	✓(1 pt) Give the navigation a background	✓(1 pt) Make the links (or their surrounding area) change color on mouseover	✓(1 pt) Change the "bullet points" of this entire list to checkmarks (✓)	✓(1 pt) Use CSS to uppercase the content in the <code><h1></code> and <code><a></code> tags	✓(1 pt) Update following sublist with "solid bullet points"	✓(1 pt) Add some styling of your choice (that doesn't conflict with any requests in this assignment), this will be mentioned in the submission
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✓ Any time a navigation link is clicked have it do the following:

✓(1 pt) Update the content of the <code><h1></code> tag with the link text	✓(1 pt) Update the content of the <code><title></code> tag with the link text	✓Hint: Get the word of the current navigation and pass it to <code>updateCurrentPage()</code>
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Verification:-537564548llw

A screenshot with everything completed, I had no idea how to complete the solid bullet point challenge.

€ A screenshot showing the page after the login link is clicked with URL shown

Module 3



Login

Challenges

- ✓Edit the given <style> tag to customize the appearance of this page
 - ✓(1 pt) Make the navigation horizontal
 - ✓(1 pt) Get rid of the navigation list item markers
 - ✓(1 pt) Give the navigation a background
 - ✓(1 pt) Make the links (or their surrounding area) change color on mouseover
 - ✓(1 pt) Change the "bullet points" of this entire list to checkmarks (✓)
 - ✓(1 pt) Use CSS to uppercase the content in the <h1> and <a> tags
 - ✓(1 pt) Update following sublist with "solid bullet points"
 - ✓(1 pt) Add some styling of your choice (that doesn't conflict with any requests in this assignment), this will be mentioned in the submission
- ✓ Any time a navigation link is clicked have it do the following:
 - ✓(1 pt) Update the content of the <h1> tag with the link text
 - ✓(1 pt) Update the content of the <title> tag with the link text
 - ✓Hint: Get the word of the current navigation and pass it to updateCurrentPage()

Verification:-537564548llw

The Login Screen

€ A screenshot showing the page after the register link is clicked with URL shown

Module 3

[Login](#) [Register](#) [Profile](#) [Logout](#)

Register

Challenges

✓ Edit the given `<style>` tag to customize the appearance of this page

- | | | | | | | | |
|---|--|---|---|---|--|--|---|
| ✓ (1 pt) Make the navigation horizontal | ✓ (1 pt) Get rid of the navigation list item markers | ✓ (1 pt) Give the navigation a background | ✓ (1 pt) Make the links (or their surrounding area) change color on mouseover | ✓ (1 pt) Change the "bullet points" of this entire list to checkmarks (✓) | ✓ (1 pt) Use CSS to uppercase the content in the <code><h1></code> and <code><a></code> tags | ✓ (1 pt) Update following sublist with "solid bullet points" | ✓ (1 pt) Add some styling of your choice (that doesn't conflict with any requests in this assignment), this will be mentioned in the submission |
|---|--|---|---|---|--|--|---|

✓ Any time a navigation link is clicked have it do the following:

- | | | |
|---|--|--|
| ✓ (1 pt) Update the content of the <code><h1></code> tag with the link text | ✓ (1 pt) Update the content of the <code><title></code> tag with the link text | ✓ Hint: Get the word of the current navigation and pass it to <code>updateCurrentPage()</code> |
|---|--|--|

Verification:-537564548llw

The Register Screen

€ A screenshot showing the page after the profile link is clicked with URL shown

Module 3

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Profile

Challenges

- ✓Edit the given <style> tag to customize the appearance of this page
- ✓(1 pt) Make the navigation horizontal

✓(1 pt) Get rid of the navigation list item markers

✓(1 pt) Give the navigation a background

✓(1 pt) Make the links (or their surrounding area) change color on mouseover

✓(1 pt) Change the "bullet points" of this entire list to checkmarks (✓)

✓(1 pt) Use CSS to uppercase the content in the <h1> and <a> tags

✓(1 pt) Update following sublist with "solid bullet points"

✓(1 pt) Add some styling of your choice (that doesn't conflict with any requests in this assignment), this will be mentioned in the submission
- ✓ Any time a navigation link is clicked have it do the following:
- ✓(1 pt) Update the content of the <h1> tag with the link text

✓(1 pt) Update the content of the <title> tag with the link text

✓Hint: Get the word of the current navigation and pass it to updateCurrentPage()

Verification:-537564548llw

€ A screenshot showing the page after the logout link is clicked with URL

Module 3

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Logout

Challenges

✓ Edit the given `<style>` tag to customize the appearance of this page

✓ (1 pt) Make the navigation horizontal	✓ (1 pt) Get rid of the navigation list item markers	✓ (1 pt) Give the navigation a background	✓ (1 pt) Make the links (or their surrounding area) change color on mouseover	✓ (1 pt) Change the "bullet points" of this entire list to checkmarks (✓)	✓ (1 pt) Use CSS to uppercase the content in the <code><h1></code> and <code><a></code> tags	✓ (1 pt) Update following sublist with "solid bullet points"	✓ (1 pt) Add some styling of your choice (that doesn't conflict with any requests in this assignment), this will be mentioned in the submission
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✓ Any time a navigation link is clicked have it do the following:

✓ (1 pt) Update the content of the <code><h1></code> tag with the link text	✓ (1 pt) Update the content of the <code><title></code> tag with the link text	✓ Hint: Get the word of the current navigation and pass it to <code>updateCurrentPage()</code>
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Verification:-537564548llw

Deliverable 2: Explain Solutions. This will be used to determine completion of each challenge (pts. 6)

Sub-Task 1: Briefly explain how you made the navigation horizontal.

I made the navigation horizontal by setting all the ul to the flex display.

Sub-Task 2: Briefly explain how you removed the navigation list item

markers.

I removed the nav list item markers by taking all lines (li) and removing the

list style.

Sub-Task 3: Briefly explain how you gave the navigation a background.

I gave the navigation a background using background-color and set it to cyan

Sub-Task 4: Briefly explain how you made links (or their surrounding area) change color on mouseover/hover

I made the links change color by using `a:hover` to change their color when they were hovered over to blue.

Sub-Task 5: Briefly explain how you changed the challenge list bullet points to checkmarks(✓)

I started all lines in the div section to start with ✓ by using `div li:before`

Sub-Task 6: Briefly explain how you made the first character of the h1 tags and anchor tags uppercase

I made the first character of the h1 tags and anchor tags uppercase by using `text-transform` to set all of them to capitalize

Sub-Task 7: Briefly explain/describe your custom styling of your choice

I expanded the background to have a larger height, as well as giving all lines a margin in order for visual clarity

Sub-Task 8: Briefly explain how the styling for the challenge list doesn't impact the navigation list.

The two lists are located in different sections, so anything affecting div does not affect nav

Sub-Task 9: Briefly explain how you updated the content of the h1 tag with the link text.

I used `getCurrentSelection` to update the current page with the link clicked which updated the title and h1.

Sub-Task 10: Briefly explain how you updated the content of the title tag with the link text .

I used `getCurrentSelection` to update the current page with the link clicked which updated the title and h1.

Deliverable 3: Misc Items (pts. 2)

Sub-Task 1: Comment briefly talking about what you learned and/or any difficulties you encountered and how you resolved them (or attempted to).

I had a LOT of difficulties with the functions, I was looking at a lot of sites in order to piece together what to do, and even then I still feel confused with them.

Sub-Task 2: Add a link to your pull request (**M3-Challenge-HW** branch to **dev** only (i.e., should end with `/pull/#` where # is some number)

Sub-Task 3: Add a link to your solution html file from prod (again you can assume the url at this point)(i.e., <https://web.njit.edu/~ucid/ucid-prod/...>)

<https://web.njit.edu/~mws36/mws36-prod/challenge.html>