

Assignment 0

Due Date: February 12, 2025 at 7:30 PM

Overview

This assignment will be worth **5%** of your total grade. The goal is to ensure you understand more advanced HTML, CSS, HTTP, and basic JS.

Specifications

DoorDash, Grubhub, and UberEats have been dominating the food delivery market, so to combat this, Towson is coming up with a ghost kitchen, TUEats. You are assigned to the team that is working on the signup flow for new users. Please use a text editor of your choice to create **tueats.html**, **tueats.css** and **tueats_completed.html**.

The second phase of the TUEats project is to add some styling. This portion of the assignment must be done **only in CSS**. You must link your **tueats.html** file to **tueats.css**, as an external CSS. The third is to add some functionality to the page using some basic/vanilla JS.

tueats.html (HTML)

For tueats.html, you will need to:

- Create a “Sign Up” fieldset with:
 - A username textfield (**required**)
 - An email address textfield (**required**)
 - A referral code (*optional*)
 - A password obscured textfield (**required**)
 - A password verify obscured textfield (**required**)
 - A checkbox with a label to the right side saying: “Sign up for our newsletter?”
- A “Menu” fieldset that contains a 4x4 table (including the table headers):
 - Row 1: There will be four table heading fields: “” (aka blank), “Name”, “Price”, and “Calories”
 - Row 2: “item 1”, “Burger”, “\$8”, “550”
 - Row 3: “item 2”, “Mozzarella Sticks”, “\$7”, “400”

- Row 4: “item 3”, “Fries”, “\$4”, “400”
- You’ll notice (r3,c4), (r4,c4) both have “400”. Make is so it only says “400” once for column 4 across rows 3-4 (HINT: look at rowspan and colspan)
- Caption the table saying “Menu is subject to change, please visit our main site for more information” and the words “Towson Website” is a link that takes users to towson.edu if clicked.
- A single submit button that performs a GET request onsubmit to **tueats_completed.html**. Please note if this path is hardcoded with an absolute, i.e. /Users/yourname/Desktop/assignments/tueats_completed.html it will not work when used on another machine. Please ensure this is a relative path i.e. just using “tueats_completed.html” as long as it is in the same folder as tueats.html, otherwise points will be deducted.

tueats.css (CSS)

For tueats.css, you need to:

- Add CSS to the menu table
 - Bold all table header elements
 - Make the width of the table 75%
 - Add a 1px solid black border
 - Align the text in the table to be centered
 - Make the background of the table to be gray (HEX: #808080)
- Add a picture for TUEats (this can be any photo you choose online (Towson logo is fine), just be sure there is a comment in your CSS sourcing it).
- Change the “Welcome to TUEats” header to the Towson Gold (see below for exact color).
- If a user hovers over any link in the page (this should only be the “Towson Website” link in the table caption), it should turn Towson’s Gold color.

tueats.html (JS)

For the JavaScript portion of tueats.html, you need to:

- You must verify that the password fields match.
 - If the password fields match, allow the user to continue to tueats_completed.html
 - If the password fields do not match, create an alert saying “ensure passwords match” and **do not** allow the user to continue to tueats_completed.html

- There are a few ‘invalid’ referral codes that cannot be entered. You must recognize if a user types an invalid referral code when it is typed into the referral code textfield (with no buttons being pressed other than the typing keystrokes - think of a Google Search). Those referral codes are (remember referral codes are case insensitive):

- tucis
- bogo
- eatgood

If a user tries to create an account with any of these referral codes, create an alert saying "This referral code is invalid" and block the user from registering.

- A username must be at least 6 characters but not more than 24 characters.
 - If a username is less than 6 characters when the user tries to submit, create an alert saying "username must be at least 6 characters long" and block the user from registering
 - If a username is more than 24 characters when the user tries to submit, create an alert saying "username must be at less than 24 characters long" and block the user from registering

tueats_completed.html (JS)

For this tueats_completed.html, you need to:

- When the submit button is pressed, display "Hello: " followed by the username entered on the previous screen. You must also show the account information formatted in a list (ordered or unordered) all of the fields parsed out (name_of_field: name_entered). Here is an example if a user did not enter a referral code:
 - username: jalirani
 - email: jaltest@gmail.com
 - password: test123
 - password verify: test123
 - checkbox: true
- If a referral code is entered and is valid (i.e. not one of the invalid codes mentioned above), place in parenthesis "(free meal)" next to the referral code and add it to the displayed list, otherwise, display "No referral code entered". An example of a valid referral code displayed would look like:
 - referral code: tu123 (free meal)

Notes

Towson's color scheme:

- HEX: #FFBB00
- RGB: 255, 187, 0
- Look at keyboard events to help with calling a function every time a user presses a key: W3 Schools
- As a recommendation, use `location.search` instead of the `form[x]` method to send data from one .html to another.
- Formatting a table hint

Submission

Please submit the following on Blackboard:

- `tueats.html`
- `tueats_completed.html`
- `tueats.css`