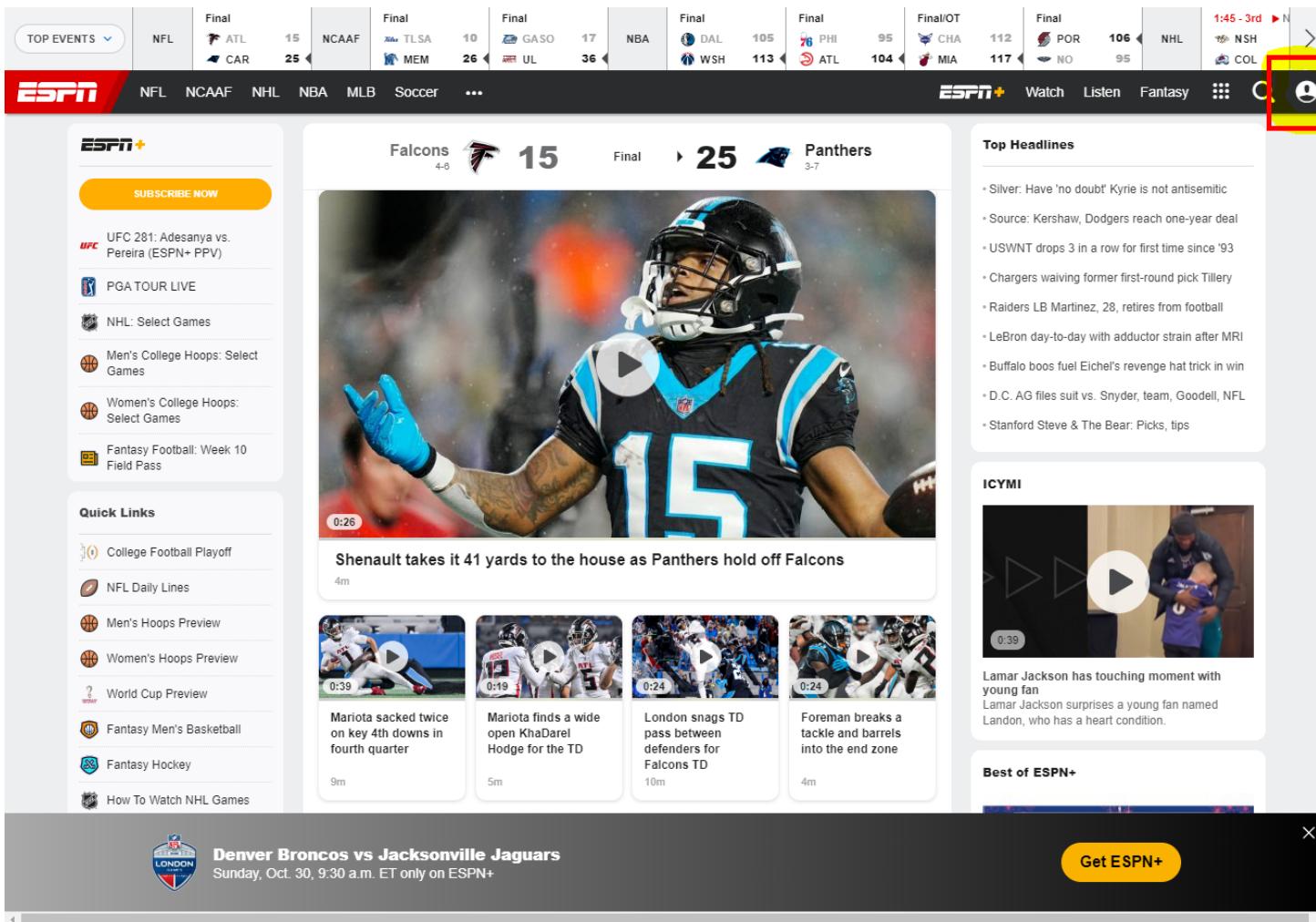


# ESPN CSS locators exercise

## Login selectors:

### 1. Homepage ([https://www.espnqa.com/?src=com&\\_adblock=true](https://www.espnqa.com/?src=com&_adblock=true))

Profile button - `#global-user-trigger`



The screenshot shows the ESPN homepage with various sports scores at the top. The main content features a large image of a Carolina Panthers player (number 15) celebrating. Below the image, a headline reads "Shenault takes it 41 yards to the house as Panthers hold off Falcons". There are four smaller video thumbnails below the headline. To the right of the main content, there is a sidebar with "Top Headlines" and "ICYMI" sections, as well as a "Best of ESPN+" section at the bottom. The browser's developer tools are open, highlighting the "Elements" tab. In the "Elements" tab, the profile button is selected with a yellow box, and the CSS selector `#global-user-trigger` is shown in the "Styles" panel. The "Elements" panel displays the HTML structure of the page, and the "Styles" panel shows the corresponding CSS rules.

```
<!DOCTYPE html>
<html class="js no-touch history cssanimations video localstorage desktop-user agent-chrome desktop-ua s-crollbars-17 desktop" lang="en" style="background-color: #f1f3f4; font-size: 10px; margin-top: -1px; position: relative; width: 100%; height: 100%;"></html>
```

2.

## Welcome modal - *div.global-user:nth-child(2) > div.global-user-container*

The screenshot shows the ESPN mobile website. A welcome modal is displayed, overlaid on the main content. The modal has a red dashed border and contains the following sections:

- Welcome!**: A general welcome message.
- Manage my:**: Options to manage subscriptions, edition, TV provider, and video settings.
- FAVORITES**: A section for managing favorite teams. It says "No teams in your favorites yet." and has a blue "+ADD FAVORITES" button.
- Log In**: A link to log in to the account.

Below the modal, there are other sections of the website:

- Shenault takes it 41 yards to the house as Panthers hold off Falcons**: A news item from 37 minutes ago.
- Panthers stay alive in NFC South with win over Falcons**: A news item from 19 minutes ago, mentioning David Newton and Michael Rothstein.
- Denver Broncos vs Jacksonville Jaguars**: An upcoming game listed for Sunday, Oct. 30, 9:30 a.m. ET only on ESPN+.

The screenshot shows the browser's developer tools, specifically the Elements tab, with the global user container selected. The code for the welcome modal is visible in the DOM tree. The global user container has a CSS selector of `body.index.desktop.page-context-top.qa:nth-child(2) .global-user-container`.

```

<nav id="global-nav-mobile" data-loadtype="serve">
  ...
  <div id="header-wrapper" class="hidden-print">
    ...
    <div id="global-scoreboard" class="hide-full btn no-datepicker" role="region"></div>
    ...
  </div>
  <div id="global-header" class="espn-en user-account-management has-search">
    ...
    <div class="menu-overlay-secondary"></div>
    <div class="container">
      <a id="global-nav-mobile-trigger" href="#" data-route="false"></a>
      ...
    </div>
    <div class="tools focused">
      ...
    </div>
    <div class="user hover" data-behavior="favorites_mgmt">
      <a href="#" id="global-user-trigger" data-route="false">
        ...
        <span>Log In</span>
      </a>
    </div>
    ...
  </div>
  <div class="global-user" style="left: auto; float: left; right: 0px;">
    <div class="global-user-container" css="1">
      ...
    </div>
    ...
  </div>
  ...
</div>
  ...
</div>

```

3.

Login button - `li[class='user hover'] div[class='global-user'] div[class='global-user-container'] ul[class='account-management'] li a[class='small']`

The screenshot shows the ESPN homepage with a red box highlighting the 'Log In' button located in the global user container. The developer tools are open, displaying the DOM structure and the specific selector used to identify the element.

**Developer Tools - ChroPath:**

```
body.index.desktop.page-context-top.qanth-child(2) .global-header .menu-overlay-secondary .global-nav-mobile-trigger .global-user .global-user-container .account-management .user.hover .a.small
```

**Selected Element:**

```
<a href="#" id="global-user-trigger" data-behavior="favorites_mgmt" data-route="false">Log In</a>
```

**DOM Structure:**

```
<header id="global-header" class="espn-en user-account-management has-search">
  <div class="menu-overlay-secondary"></div>
  <div class="container">
    <a id="global-nav-mobile-trigger" href="#" data-route="false">...</a>
    <h1>ESPN</h1>
    <ul class="tools focused">
      <li class="search"></li>
    </ul>
    <ul class="user hover" data-behavior="favorites_mgmt" data-route="false">
      <a href="#" id="global-user-trigger" data-behavior="favorites_mgmt" data-route="false">Log In</a>
    </ul>
    <div class="global-user" style="left: auto; float: left; right: 0px;">
      <div class="global-user-container flex">
        <ul class="account-management">
          <li class="display-user">Welcome!
          <li>Manage my:</li>
          <li>Log In</li>
          <li>Log Out</li>
          <li>Logout</li>
        </ul>
        <div data-affiliate="espn" data-language="en" data-refid="espn" data-route="false" href="/members/v3_1/login" data-behavior="overlay" data-route="false" href="#> Log In</a>
      </div>
    </div>
  </div>
  <ul class="favs" data-behavior="favorites_mgmt"></ul>
</header>
```

## 4. Login iframe modal

Login iframe form - #root > div:nth-child(3) > div > div > div:nth-child(1) > form

The screenshot shows the ESPN website with a login modal overlay. The modal has a white background and a red border. It contains input fields for 'Username or Email Address' and 'Password (case sensitive)', a blue 'Log In' button, and links for 'Need help logging in?' and 'Sign Up'. The background of the page shows a football game summary for the Panthers vs. Falcons. The developer tools are open, showing the DOM structure of the page. The modal is identified as the first child of a form within a div.

```
<script>espn.util.helpers.translateUtility();</script>
<!-- SiteCatalyst code version: AppMeasurement 1.0 Copyright 1996-2013 Adobe, Inc. -->
<!-- End SiteCatalyst code version: AppMeasurement 1.0 -->
<script></script>
<div class="promo-banner-container" data-behavior="banner_mgmt">...</div>
<script></script>
<div id="cboxOverlay" style="display: none;"></div>
<div id="colorbox" class="dialog" tabindex="-1" style="display: none;"></div>
<div id="oneid-wrapper" class="state-active" style="display: block;">
  <iframe id="oneid-iframe" name="oneid-iframe" frameborder="0" title="Account" src="https://cdn.registerdisney.go.com/v4/bundle/ESPN-ONESITE.WEB/en...//secure.espcdn.com/combiner/css-disneyid/core.css&logLevel=INFO" style="z-index: 999999;">
    <!DOCTYPE html>
    <html lang="en" dir="ltr">
      <head>...</head>
      <body class="recaptcha-activated">
        <div id="root">
          <div data-focus-guard="true" tabindex="0" style="width: 1px; height: 0px; padding: 0px; overflow: hidden; position: fixed; top: 1px; left: 1px;"></div>
          <div data-focus-guard="true" tabindex="1" style="width: 1px; height: 0px; padding: 0px; overflow: hidden; position: fixed; top: 1px; left: 1px;"></div>
        <div data-focus-lock-disabled="false">
          <div class="loading-container">
            <div class="view-starry-night">
              <div role="dialog" aria-modal="true" aria-describedby="Title">
                <form class="form-section login" novalidate>
                  ...</form>
                <header class="header login">...</header>
                <div class="error-container">...</div>
                <h2 class="title" id="Title" data-testid="Title" tabindex="0">...</h2>
                <label data-testid="InputLoginValue-wrapper" class="input-text input-text-InputLoginValue" for="InputLoginValue">...</label>
                <label data-testid="InputPassword-wrapper" class="input-text input-text-InputPassword" for="InputPassword">...</label>
                <div id="BtnSet-wrapper" class="BtnSubmitSet">...</div>
                <div data-testid="HelpSigningIn-container" class="link need-help-signing-in">...</div>
                <button type="submit" class="btn btn-secondary">...</button>
              </div>
            </div>
          </div>
        </div>
      </body>
    </html>
  </iframe>
</div>
<div class="global-user-container" style="z-index: 1">...</div>
```

5.

## Login iframe email input - .input-InputLoginValue

The screenshot shows the ESPN login interface. A modal window is open, displaying a login form with two fields: "Username or Email Address" and "Password (case sensitive)". The "Username or Email Address" field is highlighted with a red border. Below the form are "Log In" and "Need help logging in?" buttons, and a "Sign Up" link. The background shows a NBA game and a news feed.

**Elements Inspector (DevTools):**

- Selected Selector: #InputLoginValue
- Results: 0 element matching.
- Other selectors listed:
  - CP XPath: #InputLoginValue
  - Rel XPath: //body
  - cssSelector: body
  - Abs XPath: /html[1]/body[1]

```

<input id="InputLoginValue" type="text" placeholder="Username or Email Address" value="User@example.com" aria-invalid="false" aria-label="Username or Email Address" required="true" data-testid="InputLoginValue">
  
```

6.

## Login iframe password input - .input-InputPassword

The screenshot shows a login modal window on the ESPN website. The modal has a white background and a red border around the password input field. The input field is labeled "Password (case sensitive)". Below the input field is a blue "Log In" button. At the bottom of the modal is a "Sign Up" link. The background of the page shows various news articles and a UFC fight card for UFC 281.

The browser's developer tools are open, specifically the Elements tab. A search bar at the top of the Elements tab says "#InputLoginValue". The results list shows several matching elements, including one with the ID "InputLoginValue" and another with the class "InputPassword". The element with the ID "InputLoginValue" is highlighted with a green border. The element with the class "InputPassword" is also listed below it.

```


Username or Email Address

Password (case sensitive)

```

7.

## Login iframe button - #BtnSubmit

The screenshot shows the ESPN website with a modal login dialog open. The modal has a white background and contains fields for 'Username or Email Address' and 'Password'. Below the password field is a blue 'Log In' button, which is highlighted with a red rectangular border. The modal also includes links for 'Need help logging in?' and 'Sign Up'.

The background of the page shows various news headlines and a main content area for a UFC 281 fight between Israel Adesanya and Alex Pereira. The modal is positioned over this content.

In the top right corner of the browser window, the developer tools are open, specifically the Elements tab. The search bar in the tools is set to '#BtnSubmit'. The results pane shows several matches, with the first one being the 'Log In' button from the modal, which is highlighted with a green selection bar.

The code snippet in the Elements tab shows the HTML structure of the modal and the button. The button is identified by the ID 'BtnSubmit' and the class 'btn btn-submit'. It has a type of 'submit' and a data-testid of 'BtnSubmit'.

```

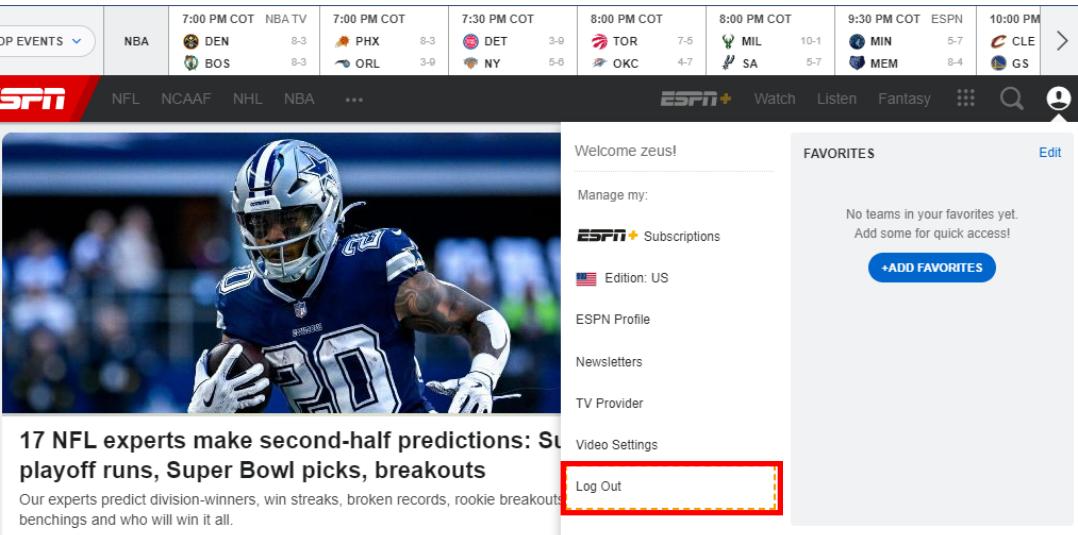
<label data-testid="InputPassword-wrapper" class="input-text input-text-InputP
assword" for="InputPassword">
<span data-testid="InputPassword-title" class="field-name">Password (case
sensitive)</span>
<div data-testid="InputPassword-container" class="input-wrapper">
<input class="input-InputPassword" type="password" autocomplete="curr
ent-password" autocorrect="off" spellcheck="false" tabindex="0" id="InputPa
ssword" placeholder="Password (case sensitive)" aria-invalid="false"
aria-label="Password (case sensitiv
e)" aria-required="true" required value>
</div>
<div class="error-container input-error input-error-password input-error-I
nputPassword" style="height: 0px;"></div>
</label>
<div id="BtnSet-wrapper" class="BtnSubmitSet">
<button type="submit" class="btn btn-submit" id="BtnSubmit" data-testid="B
tnSubmit">Log In</button> == $0
<button type="submit" class="btn btn-submit icon-svg hide" id="BiometricsB
tnSubmit-TOUCHID" data-testid="Biomet
ricsBtnSubmit-TOUCHID"></button>
</div>
<div data-testid="HelpSigningIn-contain
er" class="link need-help-signing-in"></div>
<button type="submit" class="btn btn-se
condary" id="BtnCreateAccount" data-
testid="BtnCreateAccount">Sign Up
</button>
</form>
<button type="button" class="btn-close"
id="close" data-testid="LOGIN-close"
aria-label="Close account dialog"></button>
</div>
<div class="global-overlay" role="alert"></div>
</div>
</div>

```

# Logout selectors after the log in:

## 1. Profile modal

Logout button - `div.global-user:nth-child(2) div.global-user-container ul.account-management li:nth-child(9) > a.small`



The screenshot shows the ESPN homepage with the user profile modal open. The modal displays the user's name 'zeus!', a 'Manage my:' section with 'ESPN+ Subscriptions', and a 'FAVORITES' section which is currently empty. At the bottom of the modal, there is a 'Log Out' button, which is highlighted with a red dashed border.

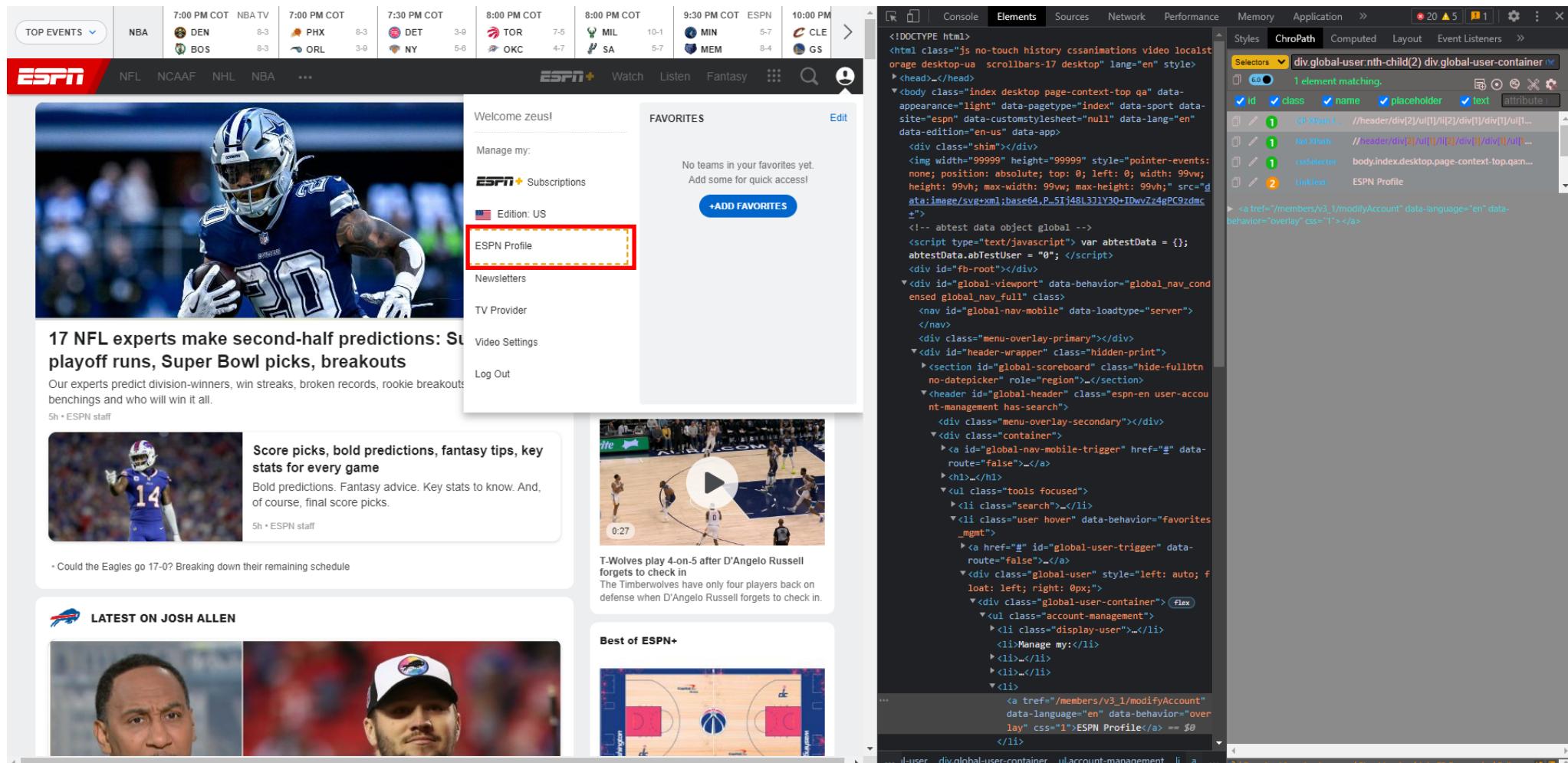
On the right side of the page, the browser's developer tools are open, specifically the Elements tab. It shows the HTML structure of the page, focusing on the account management section. The selector `div.global-user:nth-child(2) div.global-user-container ul.account-management li:nth-child(9) > a.small` is highlighted, pointing to the 'Log Out' link in the modal.

The developer tools also show other log out links with the same selector, such as `a onclick="javascript:espn.memberservices.logout();return false;" href="#" class="small" xpath="1">Log Out`.

# Deactivate account selectors after login

## 1. Profile modal

ESPN profile option - `div.global-user:nth-child(2) div.global-user-container ul.account-management li:nth-child(5) > a:nth-child(1)`



The screenshot shows the ESPN homepage with the user profile modal open. The modal header says "Welcome zeus!". It has sections for "Manage my:" (Subscriptions, Edition: US), "FAVORITES" (No teams in your favorites yet, Add some for quick access), and "ESPN Profile" (which is highlighted with a red dashed box). Below these are "Newsletters", "TV Provider", "Video Settings", and "Log Out". The developer tools' Elements tab is open, showing the DOM structure. A selector in the sidebar highlights the path: `div.global-user:nth-child(2) div.global-user-container ul.account-management li:nth-child(5) > a:nth-child(1)`. The right panel of the developer tools shows the full HTML code of the page.

```
<!DOCTYPE html>
<html class="js no-touch history cssanimations video localstorage desktop-ua scrollbars-17 desktop" lang="en" style="background-color: #f0f0f0; font-size: 1em; margin: 0; padding: 0; position: relative; width: 100%; height: 100%;">
  <head></head>
  <body class="index desktop page-context-top qa" data-appearance="light" data-page-type="index" data-sport-data-site="espn" data-custom-style-sheet="null" data-lang="en" data-edition="en-us" data-app="<div class='shim'></div>
<img width='99999' height='99999' style='pointer-events: none; position: absolute; top: 0; left: 0; width: 99vw; height: 99vh; max-width: 99vh; max-height: 99vh; src='data:image/svg+xml;base64,P_5Tj48L33Y30+IDwvZz4pPC9zdmca+'/>
<!-- abtest data object global -->
<script type='text/javascript'>var abtestData = {};  
abtestData.abTestUser = '0';</script>
<div id='fb-root'></div>
<div id='global-viewport' data-behavior='global_nav_condensed_global_nav_full'>
  <nav id='global-nav-mobile' data-load-type='server'>
    </nav>
    <div class='menu-overlay-primary'></div>
    <div id='header-wrapper' class='hidden-print'>
      <section id='global-scoreboard' class='hide-fulltno-datepicker' role='region'></section>
      <header id='global-header' class='espn-en user-account-management-has-search'>
        <div class='menu-overlay-secondary'></div>
        <div class='container'>
          <a id='global-nav-mobile-trigger' href="#" data-route='false'></a>
          <h1>_</h1>
          <ul class='tools focused'>
            <li class='search'></li>
            <li class='user hover' data-behavior='favorites_mngt'>
              <a href="#" id='global-user-trigger' data-route='false'></a>
            </li>
          </ul>
        </div>
        <div class='global-user' style='left: auto; float: left; right: 0px;'>
          <div class='global-user-container'>
            <ul class='account-management'>
              <li class='display-user'>
                <li>Manage my:</li>
                <li>...</li>
                <li></li>
              </li>
              <li><a href='/members/v3.1/modifyAccount' data-language='en' data-behavior='overlay' data-cs='1'>ESPN Profile</a> == $0</li>
            </ul>
          </div>
        </div>
      </header>
    </div>
  </div>
</body>
</html>
```

2.

## ESPN profile iframe - //iframe[@id='oneid-iframe']

The screenshot shows the ESPN website with a modal dialog for account update. The modal is highlighted by a red box. The background is dark, and the modal contains fields for Email, Mobile Phone, ESPN Name, Change Password, Personal Information (First Name, Last Name), Gender (Male/Female), and Country/Region of Residence (Colombia). The modal has an 'Update Profile' button at the bottom right. The browser's developer tools are open, showing the DOM structure with the iframe element selected.

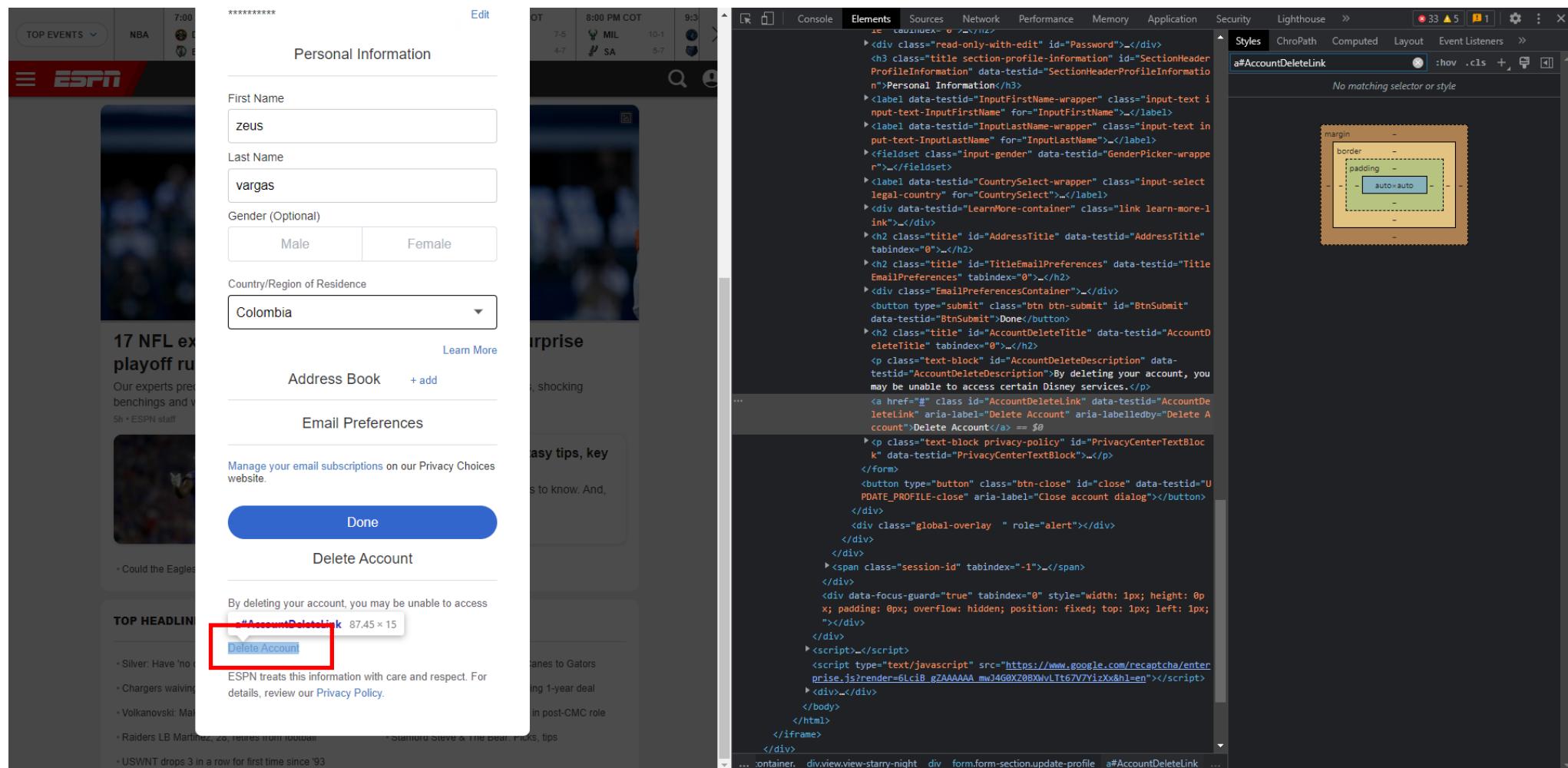
```

<div id="oneid-overlay" style="display: none;"></div>
<div id="colorbox" class="dialog" tabindex="-1" style="display: none;"></div>
<div id="oneid-wrapper" class="state-active" style="display: block;">
  <div id="oneid-iframe" name="oneid-iframe" frameborder="0" title="Account" src="https://cdn.registerdisney.go.com/v4/bundle/web/ESPN-ONESITE.WEB/en-US?cssOverride=https://secure.espcdn.com/combiner/?css=disneyid/core.css&logLevel=INFO" style="z-index: 999999;" xpath="1"> == $0
    <!DOCTYPE html>
    <html lang="en" dir="ltr" style="--overflow-height:1038px; --alignment-height: 1038px;">
      <head></head>
      <body>
        <div id="root">
          <div data-focus-guard="true" tabindex="0" style="width: 1px; height: 0px; padding: 0px; overflow: hidden; position: fixed; top: 1px; left: 1px;"></div>
          <div data-focus-guard="true" tabindex="1" style="width: 1px; height: 0px; padding: 0px; overflow: hidden; position: fixed; top: 1px; left: 1px;"></div>
        </div>
        <div data-focus-lock-disabled="false">
          <div class="loading-container">
            <div class="view view-starry-night">
              <div role="dialog" aria-modal="true" aria-describedby="Title">
                <form class="form-section update-profile" novalidate>...</form>
                <button type="button" class="btn-close" id="close" data-testid="UPDATE_PROFILE-close" aria-label="Close account dialog"></button>
              </div>
              <div class="global-overlay" role="alert"></div>
            </div>
          </div>
          <span class="session-id" tabindex="-1">...</span>
        </div>
        <div data-focus-guard="true" tabindex="0" style="width: 1px; height: 0px; padding: 0px; overflow: hidden; position: fixed; top: 1px; left: 1px;"></div>
        <div data-focus-guard="true" tabindex="1" style="width: 1px; height: 0px; padding: 0px; overflow: hidden; position: fixed; top: 1px; left: 1px;"></div>
        <script></script>
        <script type="text/javascript" src="https://www.google.com/recaptcha/enterprise.js?render=6LcIB_gAAAAAA_mwJ4G0XZ0BXwvLTt67V7VizXx&hl=en"></script>
      </body>
    </html>
  </div>
  <div id="oneid-secure-responder" name="oneid-secure-responder" frameborder="0" title="Secure Responder" src="https://www.espnqa.com/login/responder/v4/index.html?clientId=ESPN-ONESITE.WEB&environment=PROD" style="display: none;"></div>
  <div name="adobeIFrame" id="adobeIFrame" style="display:none" src="https://sp.ath.adobe.com/entitlement/v4/AccessEnablerProxy.html?j320_59c5738d4014#https%3A%2F%2Fwww.espnqa.com%2F%3Fsrc%3Dcom%26adblock%3Dtrue"></div>

```

3.

## Delete account link - a#AccountDeleteLink



The screenshot shows the ESPN website's personal information settings page. At the bottom of the page, there is a section titled "Delete Account" with the following text: "By deleting your account, you may be unable to access". Below this text is a blue button labeled "Delete Account". This button is highlighted with a red box. In the developer tools, the "Elements" tab is active, and the selector "a#AccountDeleteLink" is selected. The right panel of the developer tools shows the detailed HTML structure of the "Delete Account" button, including its class and id attributes.

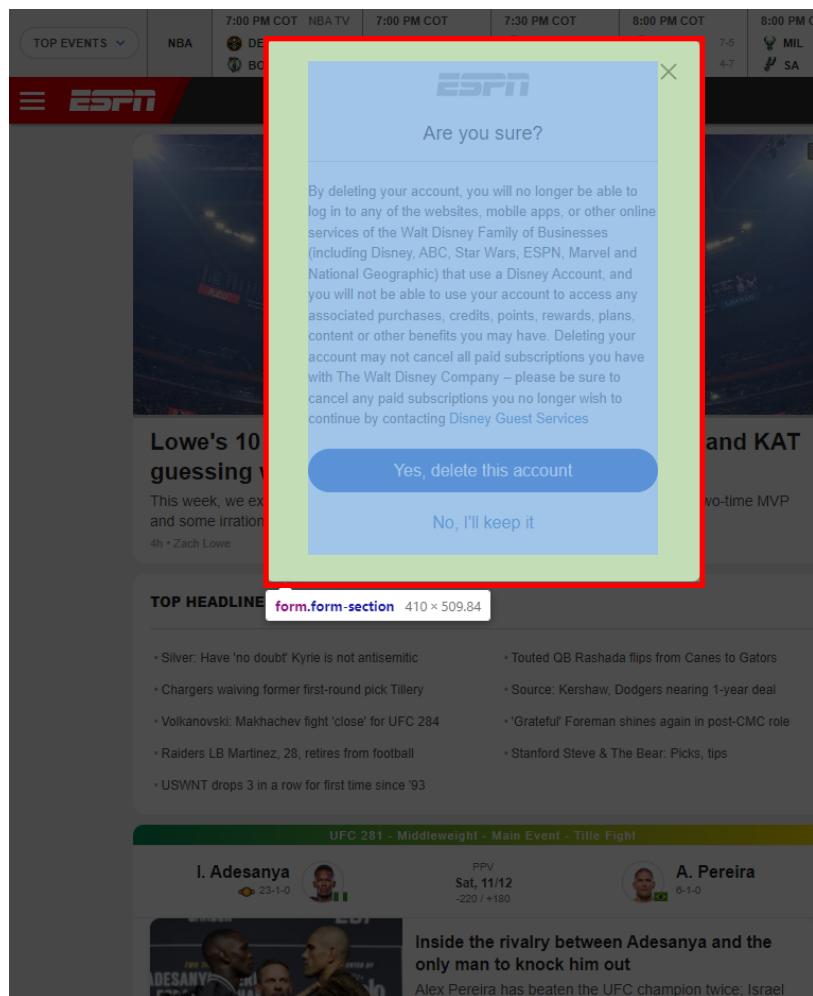
```

<a href="#" class="button" data-testid="AccountDeleteLink" id="AccountDeleteLink" aria-label="Delete Account" aria-labelledby="Delete Account">Delete Account</a> == $0

```

4.

## Delete account iframe - #root > div:nth-child(3) > div > div > div:nth-child(1) > form



The screenshot shows a modal dialog box centered on the ESPN website. The dialog has a light blue header with the ESPN logo and a question "Are you sure?". The main body text explains that deleting the account will prevent access to various Disney services and paid subscriptions. Below the text are two buttons: a blue "Yes, delete this account" button and a white "No, I'll keep it" button. The background of the page shows a game summary for Lowe's 10 and a top headline about a player's return.

**Elements Tab (DevTools):**

```


<div id="oneid-iframe" name="oneid-iframe" frameborder="0" title="Account" src="https://cdn.registerdisney.go.com/v4/bundle/web/ESPN-ONESITE.WEB/en...//secure.espncdn.com/combiner/c?css=disneyid/core.css&logLevel=INFO" style="z-index: 9999999;">
    <!-- Document -->
    <html lang="en" dir="ltr" style="--overflow-height:1038px; --alignment-height: 1038px;">
      <head>...</head>
      <body>...
        <div id="root">
          ...
        </div>
      </body>
    </html>
  </div>


```

**Selectors Tab (DevTools):**

- id: Rel XPath //body
- class: Rel XPath body
- name: Abs XPath /HTML[1]/body[1]
- tagName: tagName body

**Body HTML (DevTools):**

```

<body data-page-type="index desktop page-context-top qa" data-appearance="light" data-page-type="index" data-sport="" data-site="espn" data-custom-style="null" data-lang="en" data-edition="en-us" data-app="" style="background-color: #f0f0f0; font-family: sans-serif; margin: 0; padding: 0; width: 100%; height: 100%; position: absolute; left: 0; top: 0; z-index: 1; opacity: 1; transition: opacity 0.3s ease-in-out; transform: none; transform-origin: center; transform-style: initial; border: 1px solid black; border-radius: 10px; padding: 10px; background-color: #fff; color: #333; font-size: 14px; line-height: 1.6; font-weight: normal; letter-spacing: 0; text-decoration: none; text-align: left; text-indent: 0; text-transform: none; vertical-align: baseline; white-space: normal; word-break: break-word; word-spacing: 0; font-family: inherit; font-size: 1em; font-style: normal; font-weight: 400; font-variant: normal; font-variant-caps: normal; font-variant-ligatures: normal; font-variant-position: normal; font-kerning: auto; font-stretch: normal; font-size-adjust: none; font-feature-settings: normal; font-variation-settings: normal;">...
```

5.

## Delete account button - #BtnSubmit

The screenshot shows a modal dialog box centered on the ESPN homepage. The dialog title is "Are you sure?". The message inside reads: "Deleting your account, you will no longer be able to log in." Below the message are two buttons: "Yes, delete this account" (highlighted with a red box) and "No, I'll keep it". The background of the page displays various news stories and sports scores. On the right side of the screen, the browser's developer tools are open, specifically the Elements tab. The selected element is the "Yes, delete this account" button, which is highlighted in the DOM tree with a green border. The DOM tree also shows other elements of the page, including the main content area and some JavaScript code at the bottom.

Zeus Vargas.