

The Menu Recommendation System is a website which is accessible through Internet Browsers including Google Chrome, Mozilla Firefox, and Safari. The website allows the user to enter menu item search terms in the search bar function to retrieve their nutritional information so users can make informed consumption decisions which makes healthy eating more accessible and affordable. For example, the website can process and retrieve menu item nutritional information from restaurant establishments such as Chick-Fil-A. When the user lands on the homepage the menu recommendation website prompts the user to login/register to gain access to the website and all its features.

The website will prompt the user to enter the following values.

- Register Email Address: Enter a valid existing email address
- Register Password: Create a password of at least 6 characters containing uppercase, lowercase, and numerical values.
- Login Email Address: Enter the valid email address created when the user registered for an account.
- Login Password: Enter the password created when the user registered for an account.
- Incorrect Registration/Login Information-
  - Registration: User will receive warning message stating, “Incorrect Password, or email address entered. Please Re-enter.”
  - Login: User will receive warning message stating: “Incorrect Password, or email address entered. Please Re-enter.” Given total of 10 attempts before told to select the *Forgot Password or email address button*.

Once user successfully logs in/registers they now have access to the menu item nutritional information API and search bar function. Users must enter menu item search term’s individually into the search bar to obtain results.

The search term’s entered must follow the following restrictions.

- Menu item entered must be from an North American Establishment
- Menu item entered must be from an establishment that is public
- Menu item’s entered must have proper spelling