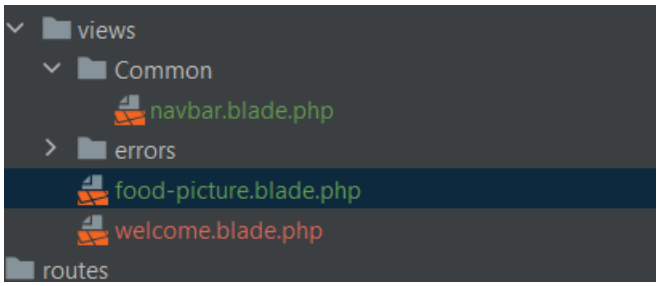
Step 1: Set up the necessary files and dependencies

- Create a new PHP file, e.g., `random_food_picture.php`.



Step 2: Include the code in your PHP file

- Copy and paste the entire code you provided into the `random_food_picture.php` file.

Step 3: Define the `getRandomFoodImage()` function

- This function generates a random recipe ID and constructs the image URL using the Spoonacular API.

- If you'd like to customize the size or image type, you can modify the `$size` and `$imageType` variables accordingly.

```php
function getRandomFoodImage() {
    $recipeId = rand(1, 500);
    $imageType = 'jpg';
    $size = '556x370';
    $imageUrl = "https://spoonacular.com/recipeImages/{$recipeId}-{$size}.{$imageType}";
    return $imageUrl;
}

// Check if it's an AJAX request for a new random image
if ($_SERVER['REQUEST_METHOD'] === 'GET' && isset($_SERVER['HTTP_X_REQUESTED_WITH']) && strtolower($_SERVER['HTTP_X_REQUESTED_WITH
    // Return a JSON response with the new random image URL
    $response = array('imageUrl' => getRandomFoodImage());
    header('Content-Type: application/json');
    echo json_encode($response);
    exit();
}
```

Step 4: Handle the AJAX request

- The code checks if the request is an AJAX request (`HTTP_X_REQUESTED_WITH` header is set to `'xmlhttprequest'`).

- If it is an AJAX request, a JSON response is sent back containing the new random image URL.

- This allows the image to be updated dynamically without refreshing the page.

```
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script>
    $(document).ready(function() {

        $('#change-picture-btn').on('click', function() {
            $.ajax({
                url: window.location.href,
                method: 'GET',
                beforeSend: function(xhr) {
                    xhr.setRequestHeader('X-Requested-With', 'XMLHttpRequest');
                },
                success: function(response) {
                    $('#food-picture img').attr('src', response.imageUrl);
                },
                error: function() {
                    alert('Failed to fetch a new random image. Please try again.');
```

Step 5: Create the HTML structure

- The HTML code inside the `body` tag creates a simple layout for the page.

- It includes a heading, a container for the food picture, and a button to change the picture.

- The initial image is loaded by calling the `getRandomFoodImage()` function.

Step 6: Implement the JavaScript functionality

- The JavaScript code uses jQuery to handle the click event on the "Change Picture" button.

- When the button is clicked, an AJAX request is sent to the current page (`window.location.href`).

- The request includes the `X-Requested-With` header to indicate it is an AJAX request.

- Upon a successful response, the image source is updated with the new random image URL.

Step 7: Run the application

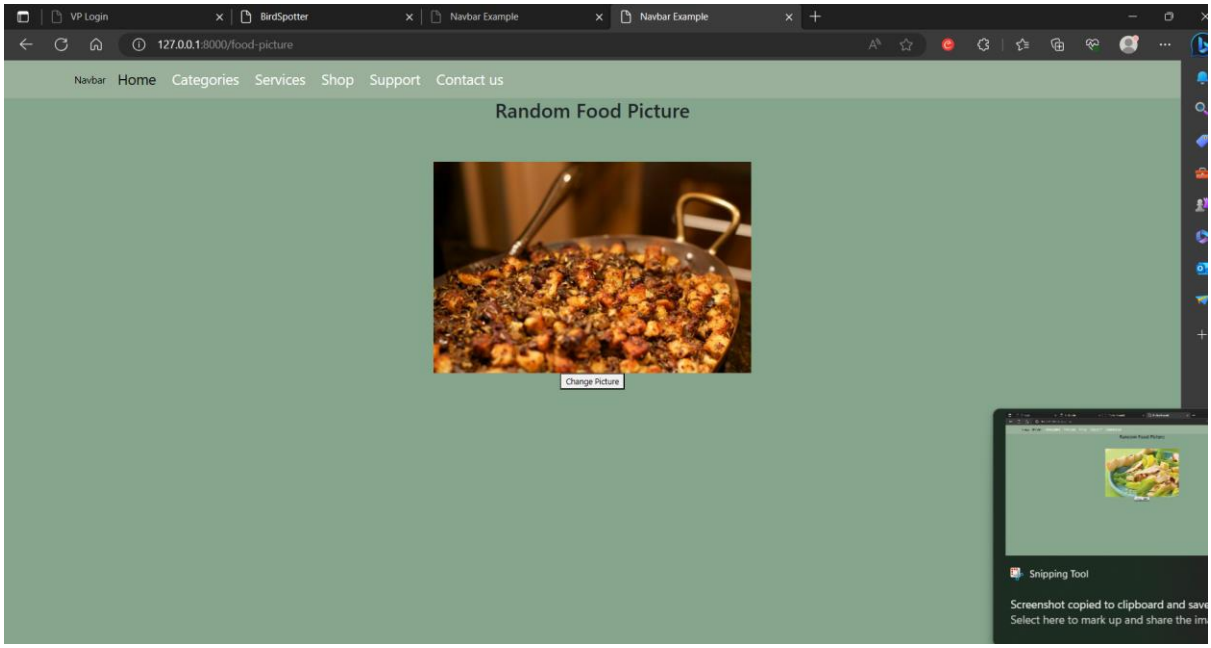
- Save the `random_food_picture.php` file.

- Start a local development server or upload the file to a web server.

- Open the file in a web browser, and you should see the "Random Food Picture" page.

- Clicking the "Change Picture" button will trigger an AJAX request and update the image dynamically.

That's it! You now have a working application to fetch and display random food pictures from the Spoonacular API.


VP Login
BirdSpotter
Navbar Example
Navbar Example
127.0.0.1:8000/food-picture
Navbar
Home
Categories
Services
Shop
Support
Contact us
Random Food Picture
Change Picture
Snipping Tool
Screenshot copied to clipboard and save
Select here to mark up and share the im