

## Copilot

I apologize for the oversight. Let's address the issue. It seems that the variable data is not properly initialized before the line where we check for existing names. To fix this, you should ensure that data is loaded from the JSON file before attempting to create the set of existing names. Here's the corrected code snippet:

```
def food_add_view(request):
    if request.method == 'POST':
        form_data = {
            'name': request.POST.get('name'),
            'measure': request.POST.get('measure'),
            'grams': request.POST.get('grams'),
            'calories': request.POST.get('calories'),
            'protein': request.POST.get('protein'),
            'fat': request.POST.get('fat'),
            'saturated_fat': request.POST.get('saturated_fat'),
            'fiber': request.POST.get('fiber'),
            'carbohydrates': request.POST.get('carbohydrates'),
            'category': request.POST.get('category'),
            # Add other fields here based on your form
        }

        json_file_path = os.path.join('static', 'data.json')

        if os.path.exists(json_file_path):
            with open(json_file_path, 'r') as f:
                data = json.load(f)
        else:
            data = []

        # Check if an item with the same name already exists
        existing_names = {item['name'] for item in data}
        if form_data['name'] in existing_names:
            print('Sorry, this item already exists.')
        else:
            print('Congratulations for uploading!')
            data.append(form_data)
            with open(json_file_path, 'w') as f:
                json.dump(data, f, indent=4)

        # Redirect to the success page after successful form submission
        # It would go for data of foods
        return redirect('food_view')

    # If request method is GET, render the form page
    return render(request, 'index2.html')
```

Make sure to replace the print statements with appropriate actions (such as displaying messages to the user or handling redirects) based on your application's requirements. If you have any further questions or need additional assistance, feel free to ask! 😊