Ruby on Rails Exercise

# Tasty Recipes

1. Create a new Rails project called recipe\_app.
2. Generate a Recipe model with the following attributes:
   1. title (string)
   2. instructions (text)
3. Scaffold a controller and views for the Recipe model.
4. Change the root route to go to the recipes#index action.
5. Generate an Ingredient model with the following attributes:
   1. name (string)
   2. quantity (integer)
   3. recipe\_id (integer)
6. Add a has\_many relationship between Recipe and Ingredient.
7. Scaffold a controller and views for the Ingredient model.
8. Update the Recipe show view to display a list of ingredients for that recipe.
9. Update the Recipe form to allow users to add ingredients to the recipe when creating or editing it.
   1. Add before Submit button on \_form for Recipe (you can copy past from the code block below)

<%= form.label :title%>

  <%= form.text\_field :title %>

  <%= form.label :instructions %>

  <%= form.text\_field :instructions %>

  <div id="ingredients">

    <%= form.fields\_for :ingredients do |ingredient\_fields| %>

      <div class="ingredient">

        <div class="field">

          <%= ingredient\_fields.label :name %>

          <%= ingredient\_fields.text\_field :name %>

        </div>

        <div class="field">

          <%= ingredient\_fields.label :quantity %>

          <%= ingredient\_fields.number\_field :quantity %>

        </div>

        <%= link\_to "Remove", "#", class: "remove\_fields" %>

      </div>

    <% end %>

  </div>

<p><%= link\_to "Add Ingredient", "#", class: "add\_fields", data: { target: "#ingredients" } %></p>

* 1. Add this at the end of \_form for JavaScript magic

<script>

  document.addEventListener("click", function(event) {

    var target = event.target;

    if (target.classList.contains("add\_fields")) {

      event.preventDefault();

      var targetSelector = target.getAttribute("data-target");

      var targetNode = document.querySelector(targetSelector);

      var firstField = targetNode.querySelector(".ingredient:first-of-type");

      var newField = firstField.cloneNode(true);

      var inputFields = newField.querySelectorAll("input");

      inputFields.forEach(function(field) {

        field.value = "";

        field.name = field.name.replace(/\d+/, function(match) {

          return parseInt(match) + 1;

        });

      });

      targetNode.appendChild(newField);

    } else if (target.classList.contains("remove\_fields")) {

      event.preventDefault();

      var field = target.closest(".ingredient");

      field.parentNode.removeChild(field);

    }

  });

</script>