

Your Task

You are charged with completing HES Recipes, thus far capable of displaying a list containing one recipe (Grilled Hamburgers). What we'd like you to develop are the interfaces for showing a recipe, adding new recipes, and editing and deleting existing ones.

The SQLite database has already been defined for you, and the models have already been created. The following table provides the database model and class models being used:

Database Tables	Class (Model)
recipes id (integer) title (string, 50) prep_time (integer) cook_time (integer) servings (integer) origin (string, 100)	Recipe id title prep_time cook_time servings origin ingredients (array of Ingredient objects) steps (array of Step objects)
ingredients id (integer) recipe_id (integer) item (string, 100)	Ingredient id recipe_id item
steps id (integer) recipe_id (integer) description (string, 200) sequence (integer)	Step id recipe_id description sequence

HES Recipes already has these URLs defined for you to use when completing the above tasks:

- /recipe - shows an unordered list of recipes (provided)
- /recipe/:id/show – display the recipe details (complete with ingredients and steps)
- /recipe/new – form to add a new recipe (see Create/Edit Requirements)
- /recipe/:id/edit – form to edit an existing recipe
- /recipe/:id/delete – method to remove an existing recipe

HES Recipes includes the jQuery framework and the colorbox plug-in. Make good use of them, and feel free to include other plug-ins that you find useful.

Create/Edit Requirements

The create and edit interfaces should allow for input of as many ingredients and steps as necessary to input a full recipe.

A recipe must contain a title, preparation time (prep_time) in minutes, the number of people it serves (serves), and at least one ingredient and one step. The user should have the option to also put in the cooking time (cook_time) in minutes and the country of origin (supplied from a drop down list of countries).

Each ingredient's item field can be up to 100 characters, and can not be blank.

Each step's description field can be up to 200 characters, and can not be blank.

The order of steps is important and should be determined by the user. The order of steps (the sequence field) should be able to be modified.

Client-side validation is acceptable

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